



Revision Date: 8/5/2015

Rust-Oleum Multi Component Product Information Sheet

285021 TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 KIT is a multi component product composed of the following individual chemical components:

| | |
|----------|--|
| 285021-1 | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 ENAMEL |
| 285021-2 | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 THINNER |
| 285021-3 | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 PAINT |
| 285021-4 | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 LACQUER |

SDSs for each component follow this cover sheet.

Transportation Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|---|--------------------------------------|-----------------------------|-------------------|--------------------------------------|
| UN Number: | N.A. | 1950 | 1950 | N.A. |
| Proper Shipping Name: | Paint Products in Limited Quantities | Aerosols | Aerosols | Paint Products in Limited Quantities |
| Hazard Class: | N.A. | 2.1 | 2.1 | N.A. |
| Packing Group: | N.A. | N.A. | N.A. | N.A. |
| Limited Quantity: | Yes | Yes | Yes | Yes |
| Finished Good Schedule B Harmonized Tariff Code | 3208.10.0000 | | | |

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 ENAMEL | Revision Date: | 7/31/2015 |
| Product Identifier: | 285021-1 | Supersedes Date: | New SDS |
| Product Use/Class: | Enamel | | |
| Supplier: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA | Manufacturer: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

| | | |
|-------------------------------------|------|--|
| Flammable Liquid, category 2 | H225 | Highly flammable liquid and vapour. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. Classified as mutagenic Category 1 if one ingredient is present at or above 0.1%. Applies to liquids, solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependent on ingredient form. |
| Carcinogenicity, category 1B | H350 | May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependent on ingredient form. |
| STOT, repeated exposure, category 1 | H372 | Causes damage to organs. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P201 | Obtain special instructions before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P281 | Use personal protective equipment as required. |

| | |
|----------------|--|
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P362 | Take off contaminated clothing. |

GHS SDS PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P270 | Do not eat, drink or smoke when using this product. |
| P363 | Wash contaminated clothing before reuse. |

3. Composition/Information On Ingredients**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--|-----------------------|------------------------------|---------------------------|------------------------------|
| Mineral Spirits | 64742-88-7 | 25-50 | GHS08 | H304-372 |
| Stoddard Solvent | 8052-41-3 | 25-50 | GHS08 | H304-340-350-372 |
| Methyl Ethyl Ketoxime | 96-29-7 | 25-50 | GHS05-GHS07-GHS08 | H302-312-317-318-332-351 |
| Copper | 7440-50-8 | 10-25 | No Information | No Information |
| Aliphatic Hydrocarbon | 64742-89-8 | 10-25 | GHS08 | H304-340-350 |
| Titanium Dioxide | 13463-67-7 | 10-25 | No Information | No Information |
| Hydrous Magnesium Silicate | 14807-96-6 | 10-25 | No Information | No Information |
| Aluminum Flake | 7429-90-5 | 2.5-10 | GHS02 | H228-261 |
| Neodecanoic Acid, Cobalt Salt | 27253-31-2 | 2.5-10 | No Information | No Information |
| Xylene (mixed isomers) | 1330-20-7 | 2.5-10 | GHS02-GHS07 | H226-312-315-332 |
| Amorphous Silica | 7631-86-9 | 2.5-10 | GHS06 | H331 |
| Toluene | 108-88-3 | 2.5-10 | GHS02-GHS07-GHS08 | H225-302-304-315-332-336-373 |
| Aromatic Petroleum Distillates | 64742-94-5 | 2.5-10 | GHS06-GHS08 | H304-312-330 |
| Iron Oxide | 1309-37-1 | 2.5-10 | No Information | No Information |
| Carbon Black | 1333-86-4 | 2.5-10 | No Information | No Information |
| Petroleum Naphtha, Hydrodesulfurized Heavy | 64742-82-1 | 2.5-10 | GHS08 | H304-340-350-372 |
| 1-Methoxy-2-propyl acetate | 108-65-6 | 1.0-2.5 | GHS02 | H226 |
| Zinc | 7440-66-6 | 1.0-2.5 | No Information | No Information |
| Naphtha (Petroleum), Heavy Alkylate | 64741-65-7 | 1.0-2.5 | GHS06-GHS08 | H304-331-340-350 |
| C.I Pigment Red 53:1 | 5160-02-1 | 1.0-2.5 | No Information | No Information |
| Mica | 12001-26-2 | 1.0-2.5 | No Information | No Information |
| Limestone | 1317-65-3 | 1.0-2.5 | No Information | No Information |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.0-2.5 | GHS02-GHS07 | H226-315-319-332-335 |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 1.0-2.5 | GHS07-GHS08 | H304-332-340-350 |
| Ethylbenzene | 100-41-4 | 1.0-2.5 | GHS02-GHS07 | H225-332 |
| Hydrotreated Light Distillate | 64742-47-8 | 1.0-2.5 | GHS08 | H304 |
| Titanium Dioxide | 1317-80-2 | 1.0-2.5 | No Information | No Information |
| Diethylene Glycol Monomethyl Ether | 111-77-3 | 0.1-1.0 | GHS06 | H311 |
| Naphthalene | 91-20-3 | 0.1-1.0 | GHS06-GHS08 | H302-312-330-351 |

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

8. Exposure Controls/Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|--------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Mineral Spirits | 64742-88-7 | 40.0 | N.E. | N.E. | N.E. | N.E. |
| Stoddard Solvent | 8052-41-3 | 35.0 | 100 ppm | N.E. | 500 ppm | N.E. |
| Methyl Ethyl Ketoxime | 96-29-7 | 35.0 | 10 ppm | N.E. | N.E. | N.E. |
| Copper | 7440-50-8 | 25.0 | 0.2 mg/m3 | N.E. | 0.1 mg/m3 | N.E. |
| Aliphatic Hydrocarbon | 64742-89-8 | 25.0 | N.E. | N.E. | N.E. | N.E. |
| Titanium Dioxide | 13463-67-7 | 20.0 | 10 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 15.0 | 2 mg/m3 | N.E. | N.E. | N.E. |
| Aluminum Flake | 7429-90-5 | 10.0 | 1 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Neodecanoic Acid, Cobalt Salt | 27253-31-2 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Xylene (mixed isomers) | 1330-20-7 | 10.0 | 100 ppm | 150 ppm | 100 ppm | N.E. |
| Amorphous Silica | 7631-86-9 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Toluene | 108-88-3 | 5.0 | 20 ppm | N.E. | 200 ppm | 300 ppm |
| Aromatic Petroleum Distillates | 64742-94-5 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Iron Oxide | 1309-37-1 | 5.0 | 5 mg/m3 | N.E. | 10 mg/m3 | N.E. |

| | | | | | | |
|---|------------|-----|---------|------|-----------|------|
| Carbon Black | 1333-86-4 | 5.0 | 3 mg/m3 | N.E. | 3.5 mg/m3 | N.E. |
| Petroleum Naphtha, Hydrosulfurized Heavy | 64742-82-1 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| 1-Methoxy-2-propyl acetate | 108-65-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Zinc | 7440-66-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Naphtha (Petroleum), Heavy Alkylate | 64741-65-7 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| C.I Pigment Red 53:1 | 5160-02-1 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Mica | 12001-26-2 | 5.0 | 3 mg/m3 | N.E. | N.E. | N.E. |
| Limestone | 1317-65-3 | 5.0 | N.E. | N.E. | 15 mg/m3 | N.E. |
| 1,2,4-Trimethylbenzene | 95-63-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Ethylbenzene | 100-41-4 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Hydrotreated Light Distillate | 64742-47-8 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Titanium Dioxide | 1317-80-2 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Diethylene Glycol Monomethyl Ether | 111-77-3 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Naphthalene | 91-20-3 | 1.0 | 10 ppm | N.E. | 10 ppm | N.E. |

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|---|----------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | ND |
| Relative Density: | 0.000 | pH: | NE |
| Freeze Point, °C: | ND | Viscosity: | No Information |
| Solubility in Water: | Negligible | Partition Coefficient, n-octanol/ water: | No Information |
| Decomposition Temp., °C: | No Information | Explosive Limits, vol%: | 0.6 - 73.0 |
| Boiling Range, °C: | 149 - 5,432 | Flash Point, °C: | 4 |
| Flammability: | Does not Support Combustion | Auto-ignition Temp., °C: | No Information |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition. Flammable hydrogen gas will evolve when product comes in contact with water or damp air. Heat will be generated. The amount of heat generated will depend upon the volume of material in contact.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May be absorbed through the skin in harmful amounts. May cause skin irritation. Allergic reactions are possible. Causes skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 |
|------------|--|------------------|--------------------|----------------|
| 64742-88-7 | Mineral Spirits | >5000 mg/kg Rat | 3000 mg/kg Rabbit | 4951 mg/L Rat |
| 96-29-7 | Methyl Ethyl Ketoxime | 930 mg/kg Rat | 1100 mg/kg Rabbit | 20 mg/L Rat |
| 64742-89-8 | Aliphatic Hydrocarbon | N.I. | 3000 mg/kg Rabbit | N.I. |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | N.I. | N.I. |
| 1330-20-7 | Xylene (mixed isomers) | 4300 mg/kg Rat | N.I. | 47635 mg/L Rat |
| 7631-86-9 | Amorphous Silica | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >2.2 mg/L Rat |
| 108-88-3 | Toluene | 636 mg/kg Rat | 8390 mg/kg Rabbit | 12.5 mg/L Rat |
| 64742-94-5 | Aromatic Petroleum Distillates | >5000 mg/kg Rat | >1795 mg/kg Rabbit | >.6 mg/L Rat |
| 1309-37-1 | Iron Oxide | >10000 mg/kg Rat | N.I. | N.I. |
| 64742-82-1 | Petroleum Naphtha, Hydrodesulfurized Heavy | >5000 mg/kg Rat | >3160 mg/kg Rabbit | N.I. |
| 108-65-6 | 1-Methoxy-2-propyl acetate | 8532 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |
| 64741-65-7 | Naphtha (Petroleum), Heavy Alkylate | >7000 mg/kg Rat | >2000 mg/kg Rabbit | >5.04 mg/L Rat |
| 5160-02-1 | C.I Pigment Red 53:1 | >2000 mg/kg Rat | N.I. | N.I. |
| 95-63-6 | 1,2,4-Trimethylbenzene | 3280 mg/kg Rat | >3160 mg/kg Rabbit | 18 mg/L Rat |
| 64742-95-6 | Solvent Naphtha, Light Aromatic | N.I. | >2000 mg/kg Rabbit | N.I. |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15354 mg/kg Rabbit | 17.2 mg/L Rat |
| 64742-47-8 | Hydrotreated Light Distillate | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >5000 mg/L Rat |
| 111-77-3 | Diethylene Glycol Monomethyl Ether | N.I. | 650 mg/kg Rabbit | N.I. |
| 91-20-3 | Naphthalene | N.I. | 1120 mg/kg Rabbit | >.3 mg/L Rat |

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|--------------------------------------|-----------------------------|-------------------|--------------------------------------|
| UN Number: | N.A. | 1263 | 1263 | N.A. |
| Proper Shipping Name: | Paint Products in Limited Quantities | Paint | Paint | Paint Products in Limited Quantities |
| Hazard Class: | N.A. | 3 | 3 | N.A. |
| Packing Group: | N.A. | III | III | N.A. |
| Limited Quantity: | Yes | Yes | Yes | Yes |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|------------------------------------|----------------|
| Copper | 7440-50-8 |
| Aluminum Flake | 7429-90-5 |
| Neodecanoic Acid, Cobalt Salt | 27253-31-2 |
| Xylene (mixed isomers) | 1330-20-7 |
| Toluene | 108-88-3 |
| Zinc | 7440-66-6 |
| 1,2,4-Trimethylbenzene | 95-63-6 |
| Ethylbenzene | 100-41-4 |
| Diethylene Glycol Monomethyl Ether | 111-77-3 |
| Naphthalene | 91-20-3 |

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information

HMIS RATINGS

Health: 2 Flammability: 4 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 4 Instability: 1

SDS REVISION DATE: 7/31/2015

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 THINNER | Revision Date: | 7/31/2015 |
| Product Identifier: | 285021-2 | Supersedes Date: | New SDS |
| Product Use/Class: | Thinner | | |
| Supplier: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA | Manufacturer: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

92% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

| | | |
|--|------|------------------------------|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapour. |
| Acute Toxicity, Inhalation, category 3 | H331 | Toxic if inhaled. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|-----------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261 | Avoid breathing dust, fumes, gases, mists, vapors, or spray. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P311 | Call a POISON CENTER or doctor/physician. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |

GHS SDS PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. % Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|-----------------------------------|----------------|------------------------|--------------------|-----------------------|
| Propylene Glycol Monopropyl Ether | 1569-01-3 | 75-100 | No Information | No Information |
| Xylene (mixed isomers) | 1330-20-7 | 2.5-10 | GHS02-GHS07 | H226-312-315-332 |
| Aromatic Petroleum Distillates | 64742-94-5 | 1.0-2.5 | GHS06-GHS08 | H304-312-330 |
| Ethylbenzene | 100-41-4 | 1.0-2.5 | GHS02-GHS07 | H225-332 |
| Naphthalene | 91-20-3 | 0.1-1.0 | GHS06-GHS08 | H302-312-330-351 |

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

8. Exposure Controls/Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|-----------------------------------|-----------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Propylene Glycol Monopropyl Ether | 1569-01-3 | 95.0 | N.E. | N.E. | N.E. | N.E. |
| Xylene (mixed isomers) | 1330-20-7 | 5.0 | 100 ppm | 150 ppm | 100 ppm | N.E. |

| | | | | | | |
|--------------------------------|------------|-----|--------|------|---------|------|
| Aromatic Petroleum Distillates | 64742-94-5 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Ethylbenzene | 100-41-4 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Naphthalene | 91-20-3 | 1.0 | 10 ppm | N.E. | 10 ppm | N.E. |

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|--|----------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | ND |
| Relative Density: | 0.000 | pH: | NE |
| Freeze Point, °C: | ND | Viscosity: | No Information |
| Solubility in Water: | Negligible | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition Temp., °C: | No Information | Explosive Limits, vol%: | 0.9 - 12.6 |
| Boiling Range, °C: | 176 - 425 | Flash Point, °C: | 42 |
| Flammability: | Does not Support Combustion | Auto-ignition Temp., °C: | No Information |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive

disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B).

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-----------------------------------|------------------|--------------------|-------------------|
| 1569-01-3 | Propylene Glycol Monopropyl Ether | 2490 mg/kg Rat | 3550 mg/kg Rabbit | N.I. |
| 1330-20-7 | Xylene (mixed isomers) | 4300 mg/kg Rat | N.I. | 47635 mg/L Rat |
| 64742-94-5 | Aromatic Petroleum Distillates | >5000 mg/kg Rat | >1795 mg/kg Rabbit | >.6 mg/L Rat |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15354 mg/kg Rabbit | 17.2 mg/L Rat |
| 91-20-3 | Naphthalene | N.I. | 1120 mg/kg Rabbit | >.3 mg/L Rat |

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number: | N.A. | 1263 | 1263 | N.A. |
| Proper Shipping Name: | Not Regulated | Paint | Paint | Not Regulated |
| Hazard Class: | N.A. | 3 | 3 | N.A. |
| Packing Group: | N.A. | III | III | N.A. |
| Limited Quantity: | No | Yes, >5L No | Yes, >5L No | No |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|------------------------|----------------|
| Xylene (mixed isomers) | 1330-20-7 |
| Ethylbenzene | 100-41-4 |
| Naphthalene | 91-20-3 |

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2 **Flammability:** 2 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 2 **Instability** 1

SDS REVISION DATE: 7/31/2015

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 PAINT | Revision Date: | 7/31/2015 |
| Product Identifier: | 285021-3 | Supersedes Date: | New SDS |
| Product Use/Class: | Craft Paint | | |
| Supplier: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA | Manufacturer: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

| | | |
|--|------|--|
| Flammable Aerosol, category 1 | H222 | Extremely flammable aerosol. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation. |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. Classified as mutagenic Category 1 if one ingredient is present at or above 0.1%. Applies to liquids, solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependent on ingredient form. |
| Carcinogenicity, category 1B | H350 | May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependent on ingredient form. |
| STOT, repeated exposure, category 1 | H372 | Causes damage to organs. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P201 | Obtain special instructions before use. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

| | |
|----------------|--|
| P281 | Use personal protective equipment as required. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P362 | Take off contaminated clothing. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. |

GHS SDS PRECAUTIONARY STATEMENTS

P270 Do not eat, drink or smoke when using this product.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------------|----------------|-----------------------|--------------------|--------------------------|
| Aliphatic Hydrocarbon | 64742-89-8 | 25-50 | GHS08 | H304-340-350 |
| Isobutanol | 78-83-1 | 10-25 | GHS02-GHS05-GHS06 | H226-315-318-331-335-336 |
| Ethanol | 64-17-5 | 10-25 | GHS02 | H225 |
| Propane | 74-98-6 | 10-25 | No Information | No Information |
| Stoddard Solvent | 8052-41-3 | 10-25 | GHS08 | H304-340-350-372 |
| Titanium Dioxide | 13463-67-7 | 10-25 | No Information | No Information |
| Hydrous Magnesium Silicate | 14807-96-6 | 2.5-10 | No Information | No Information |
| n-Butane | 106-97-8 | 2.5-10 | No Information | No Information |
| Acetone | 67-64-1 | 2.5-10 | GHS02-GHS07 | H225-319-336 |
| 2-Propanol | 67-63-0 | 2.5-10 | GHS02-GHS07 | H225-319-332-336 |
| Mineral Spirits | 64742-88-7 | 2.5-10 | GHS08 | H304-372 |
| 1-Pentanol | 71-41-0 | 2.5-10 | GHS02-GHS07 | H226-312-315-332-335 |
| Amorphous Silica | 7631-86-9 | 2.5-10 | GHS06 | H331 |
| tert-Butyl Acetate | 540-88-5 | 1.0-2.5 | GHS02 | H225 |
| Diacetone Alcohol | 123-42-2 | 1.0-2.5 | GHS07 | H319 |
| Carbon Black | 1333-86-4 | 1.0-2.5 | No Information | No Information |
| 2-Methylbutanol | 137-32-6 | 1.0-2.5 | No Information | No Information |
| Methyl Isobutyl Ketone | 108-10-1 | 1.0-2.5 | GHS02-GHS06 | H225-319-331-335 |

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

8. Exposure Controls/Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|----------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Aliphatic Hydrocarbon | 64742-89-8 | 35.0 | N.E. | N.E. | N.E. | N.E. |
| Isobutanol | 78-83-1 | 25.0 | 50 ppm | N.E. | 100 ppm | N.E. |
| Ethanol | 64-17-5 | 25.0 | N.E. | 1000 ppm | 1000 ppm | N.E. |
| Propane | 74-98-6 | 20.0 | 1000 ppm | N.E. | 1000 ppm | N.E. |
| Stoddard Solvent | 8052-41-3 | 15.0 | 100 ppm | N.E. | 500 ppm | N.E. |
| Titanium Dioxide | 13463-67-7 | 15.0 | 10 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 10.0 | 2 mg/m3 | N.E. | N.E. | N.E. |
| n-Butane | 106-97-8 | 10.0 | N.E. | 1000 ppm | N.E. | N.E. |
| Acetone | 67-64-1 | 10.0 | 500 ppm | 750 ppm | 1000 ppm | N.E. |
| 2-Propanol | 67-63-0 | 5.0 | 200 ppm | 400 ppm | 400 ppm | N.E. |
| Mineral Spirits | 64742-88-7 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| 1-Pentanol | 71-41-0 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Amorphous Silica | 7631-86-9 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| tert-Butyl Acetate | 540-88-5 | 5.0 | 200 ppm | N.E. | 200 ppm | N.E. |
| Diacetone Alcohol | 123-42-2 | 5.0 | 50 ppm | N.E. | 50 ppm | N.E. |
| Carbon Black | 1333-86-4 | 5.0 | 3 mg/m3 | N.E. | 3.5 mg/m3 | N.E. |
| 2-Methylbutanol | 137-32-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Methyl Isobutyl Ketone | 108-10-1 | 5.0 | 20 ppm | 75 ppm | 100 ppm | N.E. |

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|--|----------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | ND |
| Relative Density: | 0.000 | pH: | NE |
| Freeze Point, °C: | ND | Viscosity: | No Information |
| Solubility in Water: | Negligible | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition Temp., °C: | No Information | Explosive Limits, vol%: | 0.9 - 27.0 |
| Boiling Range, °C: | 31 - 5,432 | Flash Point, °C: | -96 |
| Flammability: | Does not Support Combustion | Auto-ignition Temp., °C: | No Information |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions. May form peroxides of unknown stability.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. Overexposure may cause kidney damage. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|------------------------|------------------|---------------------|------------------------|
| 64742-89-8 | Aliphatic Hydrocarbon | N.I. | 3000 mg/kg Rabbit | N.I. |
| 78-83-1 | Isobutanol | 2460 mg/kg Rat | 3400 mg/kg Rabbit | >6.5 mg/L Rat |
| 64-17-5 | Ethanol | N.I. | N.I. | 124.7 mg/L Rat |
| 74-98-6 | Propane | N.I. | N.I. | 658 mg/L Rat |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | N.I. | N.I. |
| 106-97-8 | n-Butane | N.I. | N.I. | 658 mg/L Rat |
| 67-64-1 | Acetone | N.I. | N.I. | 50.1 mg/L Rat |
| 67-63-0 | 2-Propanol | 4396 mg/kg Rat | 12800 mg/kg Rabbit | N.I. |
| 64742-88-7 | Mineral Spirits | >5000 mg/kg Rat | 3000 mg/kg Rabbit | 4951 mg/L Rat |
| 71-41-0 | 1-Pentanol | 4613 mg/kg Rat | 2000 mg/kg Rabbit | N.I. |
| 7631-86-9 | Amorphous Silica | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >2.2 mg/L Rat |
| 540-88-5 | tert-Butyl Acetate | N.I. | N.I. | >2230 mg/m3 (Rat, 4Hr) |
| 123-42-2 | Diacetone Alcohol | 4000 mg/kg Rat | N.I. | N.I. |
| 108-10-1 | Methyl Isobutyl Ketone | 2080 mg/kg Rat | >16000 mg/kg Rabbit | 8.2 mg/L Rat |

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|--------------------------------------|-----------------------------|-------------------|--------------------------------------|
| UN Number: | N.A. | 1950 | 1950 | N.A. |
| Proper Shipping Name: | Paint Products in Limited Quantities | Aerosols | Aerosols | Paint Products in Limited Quantities |
| Hazard Class: | N.A. | 2.1 | 2.1 | N.A. |
| Packing Group: | N.A. | N.A. | N.A. | N.A. |
| Limited Quantity: | Yes | Yes | Yes | Yes |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|------------------------|----------------|
| Methyl Isobutyl Ketone | 108-10-1 |

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2 **Flammability:** 4 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 4 **Instability** 1

SDS REVISION DATE: 7/31/2015

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | TSTRS PRPK ASST PIAB 9567D 312UNITS 0714 LACQUER | Revision Date: | 7/31/2015 |
| Product Identifier: | 285021-4 | Supersedes Date: | New SDS |
| Product Use/Class: | Lacquer | | |
| Supplier: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA | Manufacturer: | The Testors Corporation 440 Blackhawk Park Drive Rockford, IL 61104 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

| | | |
|---------------------------------------|------|--|
| Flammable Aerosol, category 1 | H222 | Extremely flammable aerosol. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. Classified as mutagenic Category 1 if one ingredient is present at or above 0.1%. Applies to liquids, solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependent on ingredient form. |
| Carcinogenicity, category 1B | H350 | May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependent on ingredient form. |
| STOT, repeated exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P201 | Obtain special instructions before use. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P281 | Use personal protective equipment as required. |

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313

IF exposed or concerned: Get medical advice/attention.

P310

Immediately call a POISON CENTER or doctor/physician.

P362

Take off contaminated clothing.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------------------|----------------|-----------------------|--------------------|------------------------------|
| Propane | 74-98-6 | 10-25 | No Information | No Information |
| Ethanol | 64-17-5 | 10-25 | GHS02 | H225 |
| Toluene | 108-88-3 | 10-25 | GHS02-GHS07-GHS08 | H225-302-304-315-332-336-373 |
| n-Butane | 106-97-8 | 10-25 | No Information | No Information |
| Propylene Glycol Monobutyl Ether | 5131-66-8 | 10-25 | GHS07 | H302-315-319 |
| Ethyl Acetate | 141-78-6 | 10-25 | GHS02-GHS07 | H225-319-336 |
| 1-Methoxy-2-propyl acetate | 108-65-6 | 2.5-10 | GHS02 | H226 |
| Isobutanol | 78-83-1 | 2.5-10 | GHS02-GHS05-GHS06 | H226-315-318-331-335-336 |
| Methyl Ethyl Ketone | 78-93-3 | 2.5-10 | GHS02-GHS07 | H225-319-336 |
| Stoddard Solvent | 8052-41-3 | 2.5-10 | GHS08 | H304-340-350-372 |
| Acetone | 67-64-1 | 2.5-10 | GHS02-GHS07 | H225-319-336 |
| Xylene (mixed isomers) | 1330-20-7 | 1.0-2.5 | GHS02-GHS07 | H226-312-315-332 |
| Aluminum Flake | 7429-90-5 | 1.0-2.5 | GHS02 | H228-261 |
| Mica | 12001-26-2 | 1.0-2.5 | No Information | No Information |
| Titanium Dioxide | 13463-67-7 | 0.1-1.0 | No Information | No Information |
| Titanium Dioxide | 1317-80-2 | 0.1-1.0 | No Information | No Information |
| Ethylbenzene | 100-41-4 | 0.1-1.0 | GHS02-GHS07 | H225-332 |
| Carbon Black | 1333-86-4 | 0.1-1.0 | No Information | No Information |
| Butyl Benzyl Phthalate | 85-68-7 | 0.1-1.0 | GHS06 | H331 |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 0.1-1.0 | GHS07-GHS08 | H304-332-340-350 |
| Pigment Orange 5 | 3468-63-1 | 0.1-1.0 | No Information | No Information |

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

8. Exposure Controls/Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|----------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Propane | 74-98-6 | 25.0 | 1000 ppm | N.E. | 1000 ppm | N.E. |
| Ethanol | 64-17-5 | 20.0 | N.E. | 1000 ppm | 1000 ppm | N.E. |
| Toluene | 108-88-3 | 15.0 | 20 ppm | N.E. | 200 ppm | 300 ppm |
| n-Butane | 106-97-8 | 15.0 | N.E. | 1000 ppm | N.E. | N.E. |
| Propylene Glycol Monobutyl Ether | 5131-66-8 | 15.0 | N.E. | N.E. | N.E. | N.E. |
| Ethyl Acetate | 141-78-6 | 15.0 | 400 ppm | N.E. | 400 ppm | N.E. |
| 1-Methoxy-2-propyl acetate | 108-65-6 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Isobutanol | 78-83-1 | 10.0 | 50 ppm | N.E. | 100 ppm | N.E. |
| Methyl Ethyl Ketone | 78-93-3 | 10.0 | 200 ppm | 300 ppm | 200 ppm | N.E. |
| Stoddard Solvent | 8052-41-3 | 10.0 | 100 ppm | N.E. | 500 ppm | N.E. |
| Acetone | 67-64-1 | 5.0 | 500 ppm | 750 ppm | 1000 ppm | N.E. |
| Xylene (mixed isomers) | 1330-20-7 | 5.0 | 100 ppm | 150 ppm | 100 ppm | N.E. |
| Aluminum Flake | 7429-90-5 | 5.0 | 1 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Mica | 12001-26-2 | 5.0 | 3 mg/m3 | N.E. | N.E. | N.E. |
| Titanium Dioxide | 13463-67-7 | 1.0 | 10 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Titanium Dioxide | 1317-80-2 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Ethylbenzene | 100-41-4 | 1.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Carbon Black | 1333-86-4 | 1.0 | 3 mg/m3 | N.E. | 3.5 mg/m3 | N.E. |
| Butyl Benzyl Phthalate | 85-68-7 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Pigment Orange 5 | 3468-63-1 | 1.0 | N.E. | N.E. | N.E. | N.E. |

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|--|----------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | ND |
| Relative Density: | 0.000 | pH: | NE |
| Freeze Point, °C: | ND | Viscosity: | No Information |
| Solubility in Water: | Negligible | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition Temp., °C: | No Information | Explosive Limits, vol%: | 0.8 - 27.0 |
| Boiling Range, °C: | 31 - 5,432 | Flash Point, °C: | -96 |
| Flammability: | Does not Support Combustion | Auto-ignition Temp., °C: | No Information |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition. Flammable hydrogen gas will evolve when product comes in contact with water or damp air. Heat will be generated. The amount of heat generated will depend upon the volume of material in contact.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May be absorbed through the skin in harmful amounts. May cause skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Overexposure to methyl ethyl ketone in laboratory animals has been associated with liver abnormalities, kidney and lung damage. Fetotoxic/embryotoxic effects from inhalation have been seen in rats exposed to > 1000ppm during gestation. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by

IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------------------|------------------|---------------------|-------------------|
| 74-98-6 | Propane | N.I. | N.I. | 658 mg/L Rat |
| 64-17-5 | Ethanol | N.I. | N.I. | 124.7 mg/L Rat |
| 108-88-3 | Toluene | 636 mg/kg Rat | 8390 mg/kg Rabbit | 12.5 mg/L Rat |
| 106-97-8 | n-Butane | N.I. | N.I. | 658 mg/L Rat |
| 5131-66-8 | Propylene Glycol Monobutyl Ether | 1900 mg/kg Rat | N.I. | N.I. |
| 141-78-6 | Ethyl Acetate | 5620 mg/kg Rat | >17998 mg/kg Rabbit | N.I. |
| 108-65-6 | 1-Methoxy-2-propyl acetate | 8532 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |
| 78-83-1 | Isobutanol | 2460 mg/kg Rat | 3400 mg/kg Rabbit | >6.5 mg/L Rat |
| 78-93-3 | Methyl Ethyl Ketone | N.I. | N.I. | 23.5 mg/L Rat |
| 67-64-1 | Acetone | N.I. | N.I. | 50.1 mg/L Rat |
| 1330-20-7 | Xylene (mixed isomers) | 4300 mg/kg Rat | N.I. | 47635 mg/L Rat |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | N.I. | N.I. |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15354 mg/kg Rabbit | 17.2 mg/L Rat |
| 85-68-7 | Butyl Benzyl Phthalate | 2330 mg/kg Rat | N.I. | >6.7 mg/L Rat |
| 64742-95-6 | Solvent Naphtha, Light Aromatic | N.I. | >2000 mg/kg Rabbit | N.I. |

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|--------------------------------------|-----------------------------|-------------------|--------------------------------------|
| UN Number: | N.A. | 1950 | 1950 | N.A. |
| Proper Shipping Name: | Paint Products in Limited Quantities | Aerosols | Aerosols | Paint Products in Limited Quantities |
| Hazard Class: | N.A. | 2.1 | 2.1 | N.A. |
| Packing Group: | N.A. | N.A. | N.A. | N.A. |
| Limited Quantity: | Yes | Yes | Yes | Yes |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Reactive Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
|----------------------|----------------|

| | |
|------------------------|-----------|
| Toluene | 108-88-3 |
| Methyl Ethyl Ketone | 78-93-3 |
| Xylene (mixed isomers) | 1330-20-7 |
| Aluminum Flake | 7429-90-5 |
| Ethylbenzene | 100-41-4 |

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2 Flammability: 4 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 4 Instability: 1

SDS REVISION DATE: 7/31/2015

REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.