



Revision Date: 8/9/2018

## Rust-Oleum Multi Component Product Information Sheet

**205813 EPOXY 2-GLK 9100 SILVER GRAY - CDN is a multi component product composed of the following individual chemical components:**

206229 INTER IEPOXY 1-GL 9100 ACT PARTA CANADA  
206290 INTER IEPOXY 1-GL 9100 GRAY PARTB CANADA

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.                                 | 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                                  |
| Finished Good Schedule B Harmonized Tariff Code | 3907.30.0000                         |                             |                   |                                      |

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | INTER IEPOXY 1-GL 9100 ACT PARTA CANADA  | <b>Revision Date:</b>   | 1/5/2018   |
| <b>Product Identifier:</b>  | 206229   | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Epoxy Coating/ Activator   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada | <b>Manufacturer:</b>    | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

22% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|  |      |  |
|--|------|--|
| Flammable Liquid, category 3           | H226 | Flammable liquid and vapour.                                       |
| Skin Irritation, category 2            | H315 | Causes skin irritation.  |
| Serious Eye Damage, category 1         | H318 | Causes serious eye damage.   |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| Carcinogenicity, category 2            | H351 | Suspected of causing cancer.                                       |
| Reproductive Toxicity, category 2      | H361 | Suspected of damaging fertility or the unborn child.               |
| STOT, repeated exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

Skin Sensitizer, category 1

H317 May cause an allergic skin reaction.

**GHS LABEL PRECAUTIONARY STATEMENTS**

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| 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. |
| P310           | If exposed immediately call a POISON CENTER or doctor/physician.   |
| P233           | Keep container tightly closed.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P370+P378      | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.                            |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P501           | Dispose of contents/container in accordance with local, regional and national regulations.                                       |
| P201           | Obtain special instructions before use.  |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P405           | Store locked up.   |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.  |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P264           | Wash hands thoroughly after handling.  |
| P321           | For specific treatment see label   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P272           | Contaminated work clothing should not be allowed out of the workplace.   |

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

**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.          |
| P363 | Wash contaminated clothing before reuse.                       |

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

| <u>Chemical Name</u>         | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>        |
|------------------------------|----------------|--------------|--------------------|------------------------------|
| Polyamide Resin              | 68424-41-9     | 22           | Not Available      | Not Available                |
| Xylenes (o-, m-, p- isomers) | 1330-20-7      | 13           | GHS02-GHS07        | H226-315-319-332             |
| n-Butanol                    | 71-36-3        | 6.3          | GHS02-GHS05-GHS07  | H226-302-315-318-332-335-336 |
| Ethylbenzene                 | 100-41-4       | 3.0          | GHS02-GHS07-GHS08  | H225-304-332-351-373         |
| Triethylenetetramine         | 112-24-3       | 0.6          | GHS05-GHS06        | H311-314-317                 |
| Toluene                      | 108-88-3       | 0.2          | GHS02-GHS07-GHS08  | H225-304-315-332-336-361-373 |
| Crystalline Silica / Quartz  | 14808-60-7     | 0.1          | Not Available      | Not Available                |

**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.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

## 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 SDS and 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.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

| Chemical Name                | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Polyamide Resin              | 68424-41-9 | 25.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Xylenes (o-, m-, p- isomers) | 1330-20-7  | 15.0                  | 100 ppm           | 150 ppm            | 100 ppm      | N.E.                 |
| n-Butanol                    | 71-36-3    | 10.0                  | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Ethylbenzene                 | 100-41-4   | 5.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Triethylenetetramine         | 112-24-3   | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Toluene                      | 108-88-3   | 1.0                   | 20 ppm            | N.E.               | 200 ppm      | 300 ppm              |
| Crystalline Silica / Quartz  | 14808-60-7 | 1.0                   | 0.025 mg/m3       | N.E.               | 50 µg/m3     | 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.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                 |                     |  |           |
|---------------------------------|---------------------|--|-----------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                         | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.      |
| <b>Relative Density:</b>        | 1.450               | <b>pH:</b>                                     | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.      |
| <b>Solubility in Water:</b>     | Negligible          | <b>Partition Coefficient, n-octanol/water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 1.2 - 6.8 |
| <b>Boiling Range, °C:</b>       | 100 - 537           | <b>Flash Point, °C:</b>                        | 28        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                         | N.D.      |
| <b>Vapor Density:</b>           | 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 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:** May be absorbed through the skin in harmful amounts. 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> |
|----------------|------------------------------|------------------|--------------------|-------------------|
| 1330-20-7      | Xylenes (o-, m-, p- isomers) | 3500 mg/kg Rat   | >4350 mg/kg Rabbit | 29.08 mg/L Rat    |
| 71-36-3        | n-Butanol                    | 700 mg/kg Rat    | 3402 mg/kg Rabbit  | N.E.              |
| 100-41-4       | Ethylbenzene                 | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat     |
| 112-24-3       | Triethylenetetramine         | 2500 mg/kg Rat   | 550 mg/kg Rabbit   | N.E.              |
| 108-88-3       | Toluene                      | 2600 mg/kg Rat   | 12000 mg/kg Rabbit | 12.5 mg/L Rat     |
| 14808-60-7     | Crystalline Silica / Quartz  | 5500 mg/kg Rat   | 5500               | 100 mg/L          |

N.E. - Not Established

## 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. Do not incinerate closed containers.

## 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> |
|------------------------------|----------------|
| Xylenes (o-, m-, p- isomers) | 1330-20-7      |
| n-Butanol                    | 71-36-3        |
| Ethylbenzene                 | 100-41-4       |
| Toluene                      | 108-88-3       |

#### 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: 3      Physical Hazard: 0      Personal Protection: X

### NFPA RATINGS

Health: 2      Flammability: 3      Instability: 0

SDS REVISION DATE: 1/5/2018

### REASON FOR REVISION:

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

Rust-Oleum Consumer Brands Canada 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. Rust-Oleum Consumer Brands Canada 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

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | INTER IEPOXY 1-GL 9100 GRAY PARTB CANADA   | <b>Revision Date:</b>   | 1/5/2018   |
| <b>Product Identifier:</b>  | 206290   | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Epoxy Coating/ Resin   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada | <b>Manufacturer:</b>    | Rust-Oleum Canada (ROCA)<br>200 Confederation Parkway<br>Concord, ON L4K 4T8<br>Canada |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

23% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|  |      |  |
|--|------|--|
| Flammable Liquid, category 2           | H225 | Highly flammable liquid and vapour.                                |
| Carcinogenicity, category 2            | H351 | Suspected of causing cancer.                                       |
| Reproductive Toxicity, category 2      | H361 | Suspected of damaging fertility or the unborn child.               |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.                                  |
| STOT, repeated exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |
| Skin Irritation, category 2            | H315 | Causes skin irritation.  |
| Eye Irritation, category 2             | H319 | Causes serious eye irritation.                                     |

Skin Sensitizer, category 1

H317 May cause an allergic skin reaction.

**GHS LABEL PRECAUTIONARY STATEMENTS**

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P370+P378      | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.                            |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P501           | Dispose of contents/container in accordance with local, regional and national regulations.                                       |
| P201           | Obtain special instructions before use.  |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P405           | Store locked up.   |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.  |
| P264           | Wash hands thoroughly after handling.  |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P321           | For specific treatment see label   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |

|           |  |
|-----------|--|
| P272      | Contaminated work clothing should not be allowed out of the workplace. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.       |

**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.          |
| P363 | Wash contaminated clothing before reuse.                       |

### 3. Composition / Information On Ingredients

**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u>              | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>        |
|-----------------------------------|----------------|--------------|--------------------|------------------------------|
| Epichlorohydrin-bisphenol A resin | 25068-38-6     | 46           | GHS07              | H315-317-319-335             |
| Hydrous Magnesium Silicate        | 14807-96-6     | 21           | Not Available      | Not Available                |
| Xylenes (o-, m-, p- isomers)      | 1330-20-7      | 10           | GHS02-GHS07        | H226-315-319-332             |
| Titanium Dioxide                  | 13463-67-7     | 9.4          | Not Available      | Not Available                |
| Methyl Isobutyl Ketone            | 108-10-1       | 2.9          | GHS02-GHS06        | H225-319-331-335             |
| Ethylbenzene                      | 100-41-4       | 2.4          | GHS02-GHS07-GHS08  | H225-304-332-351-373         |
| Phenol, Methylstyrenated          | PROPRIETARY    | 2.2          | Not Available      | Not Available                |
| Toluene                           | 108-88-3       | 0.1          | GHS02-GHS07-GHS08  | H225-304-315-332-336-361-373 |

### 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.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

## 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 SDS and 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.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

| Chemical Name                     | CAS-No.     | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|-----------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Epichlorohydrin-bisphenol A resin | 25068-38-6  | 50.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hydrous Magnesium Silicate        | 14807-96-6  | 25.0                  | 2 mg/m3           | N.E.               | N.E.         | N.E.                 |
| Xylenes (o-, m-, p- isomers)      | 1330-20-7   | 15.0                  | 100 ppm           | 150 ppm            | 100 ppm      | N.E.                 |
| Titanium Dioxide                  | 13463-67-7  | 10.0                  | 10 mg/m3          | N.E.               | 15 mg/m3     | N.E.                 |
| Methyl Isobutyl Ketone            | 108-10-1    | 5.0                   | 20 ppm            | 75 ppm             | 100 ppm      | N.E.                 |
| Ethylbenzene                      | 100-41-4    | 5.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Phenol, Methylstyrenated          | PROPRIETARY | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Toluene                           | 108-88-3    | 1.0                   | 20 ppm            | N.E.               | 200 ppm      | 300 ppm              |

### 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.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                 |                     |  |           |
|---------------------------------|---------------------|--|-----------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                         | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.      |
| <b>Relative Density:</b>        | 1.378               | <b>pH:</b>                                     | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.      |
| <b>Solubility in Water:</b>     | Negligible          | <b>Partition Coefficient, n-octanol/water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 1.0 - 8.0 |
| <b>Boiling Range, °C:</b>       | 117 - 537           | <b>Flash Point, °C:</b>                        | 16        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                         | N.D.      |
| <b>Vapor Density:</b>           | No Information      |  |           |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid temperatures above 120°F (49°C). 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 be absorbed through the skin in harmful amounts. 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). 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> |
|----------------|-----------------------------------|------------------|--------------------|-------------------|
| 25068-38-6     | Epichlorohydrin-bisphenol A resin | 11400 mg/kg Rat  | >5000              | 25 g/L            |
| 14807-96-6     | Hydrous Magnesium Silicate        | 6000             | N.E.               | 30                |
| 1330-20-7      | Xylenes (o-, m-, p- isomers)      | 3500 mg/kg Rat   | >4350 mg/kg Rabbit | 29.08 mg/L Rat    |
| 13463-67-7     | Titanium Dioxide                  | >10000 mg/kg Rat | 2500 mg/kg         | N.E.              |
| 108-10-1       | Methyl Isobutyl Ketone            | 2080 mg/kg Rat   | 3000 mg/kg Rabbit  | 8.2 mg/L Rat      |
| 100-41-4       | Ethylbenzene                      | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat     |

108-88-3 Toluene

2600 mg/kg Rat

12000 mg/kg Rabbit

12.5 mg/L Rat

N.E. - Not Established

## 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. Do not incinerate closed containers.

## 14. Transport Information

|                              | <u>Domestic (USDOT)</u>              | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u>                  |
|------------------------------|--------------------------------------|-----------------------------|-------------------|--------------------------------------|
| <b>UN Number:</b>            | N.A.                                 | 1263                        | 1263              | N.A.                                 |
| <b>Proper Shipping Name:</b> | Paint Products in Limited Quantities | Paint                       | Paint             | Paint Products in Limited Quantities |
| <b>Hazard Class:</b>         | N.A.                                 | 3                           | 3                 | N.A.                                 |
| <b>Packing Group:</b>        | N.A.                                 | II                          | II                | N.A.                                 |
| <b>Limited Quantity:</b>     | Yes                                  | Yes                         | No                | 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, 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> |
|------------------------------|----------------|
| Xylenes (o-, m-, p- isomers) | 1330-20-7      |
| Methyl Isobutyl Ketone       | 108-10-1       |
| Ethylbenzene                 | 100-41-4       |
| Toluene                      | 108-88-3       |

#### 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:** 3      **Physical Hazard:** 0      **Personal Protection:** X

**NFPA RATINGS**

**Health:** 2      **Flammability:** 3      **Instability:** 0

**SDS REVISION DATE:** 1/5/2018

**REASON FOR REVISION:**

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

Rust-Oleum Consumer Brands Canada 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. Rust-Oleum Consumer Brands Canada 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.