Material Safety Data Sheet



Date of issue 25 March 2014

Version 3

1. Product and company identification

Product name : 44W007 BASE COMPONENT

Code : 44W007

Supplier : PPG Aerospace PRC-DeSoto

12780 San Fernando Road

Sylmar, CA 91342 Phone: 818 362 6711

Emergency telephone

number

: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) 01-800-00-21-400 (Mexico)

2. Hazards identification

Emergency overview

: WARNING!

FLAMMABLE LIQUID AND VAPOR. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY BE HARMFUL IF INHALED OR SWALLOWED. SANDING AND GRINDING DUSTS MAY BE HARMFUL IF INHALED. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE.

Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Keep away from heat. Do not smoke. Do not swallow. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Potential acute health effects

Inhalation

: May be harmful if inhaled. Irritating to respiratory system. Can irritate eyes, nose,

mouth and throat.

Ingestion: May be harmful if swallowed.

Skin : Irritating to skin.

Eyes : Severely irritating to eyes. Risk of serious damage to eyes.

Over-exposure signs/symptoms

Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone.

Medical conditions aggravated by overexposure : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

This Material Safety Data Sheet has been prepared in accordance with Canada's Workplace Hazardous Materials Information System (WHMIS) and the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See toxicological information (Section 11)

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Product code 44W007

Product name 44W007 BASE COMPONENT

Composition/information on ingredients 3.

Name C	AS number	<u>%</u>
titanium dioxide 13	3463-67-7	15 - 40
proprietary polyamide No	lot available.	10 - 30
butan-1-ol 71	1-36-3	7 - 13
Wollastonite (Ca(SiO3))	3983-17-0	7 - 13
Solvent naphtha (petroleum), light aromatic 64	4742-95-6	3 - 7
zinc oxide	314-13-2	3 - 7
calcium silicate 10	0101-39-0	1 - 5
1,2,4-trimethylbenzene 95	5-63-6	1 - 5
NJTS# 80100337-5008 Pi	roprietary	1 - 5
aluminium hydroxide 21	1645-51-2	1 - 5
silicon dioxide 76	631-86-9	1 - 5
xylene 13	330-20-7	0.1 - 1
cumene 98	8-82-8	0.1 - 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4 First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Material Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical

attention. Skin contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is Inhalation

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by

trained personnel.

Ingestion : If swallowed, seek medical advice immediately and show this container or label.

Keep person warm and at rest. Do NOT induce vomiting.

No specific treatment. Treat symptomatically. Contact poison treatment specialist Notes to physician

immediately if large quantities have been ingested or inhaled.

Fire-fighting measures **5** .

Flammability of the product

: Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Extinguishing media

Suitable

: Use dry chemical, CO₂, water spray (fog) or foam.

Not suitable

Special exposure hazards

: Do not use water jet.

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water

spray to keep fire-exposed containers cool.

Hazardous combustion products

: Decomposition products may include the following materials: carbon oxides

phosphorus oxides metal oxide/oxides

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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6. Accidental release measures

Personal precautions

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Use spark-proof tools and explosion-proof equipment. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Handling

: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not swallow. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. Vapors are heavier than air and may spread along floors. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. If this material is part of a multiple component system, read the Material Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Storage

: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Do not store above the following temperature: 120F / 49C.

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8. Exposure controls/personal protection

Name	Result	ACGIH	OSHA	Ontario	Mexico	PPG
titanium dioxide	TWA	10 mg/m³	15 mg/m³ TD	10 mg/m³ TD	10 mg/m³ (as Ti)	Not established
	STEL	Not	Not	Not	20 mg/m³	Not
		established	established	established	(as Ti)	established
butan-1-ol	TWA	20 ppm	100 ppm	20 ppm	Not established	Not established
	STEL	Not	Not	Not	50 ppm S C	Not
		established	established	established		established
zinc oxide	TWA	2 mg/m³ R	5 mg/m³ F 5 mg/m³ R	2 mg/m³ R	10 mg/m³ 5 mg/m³	Not established
			15 mg/m³ TD		5 mg/m²	established
	STEL	10 mg/m³ R	Not	10 mg/m³ R	10 mg/m³	Not
			established			established
1,2,4-trimethylbenzene	TWA	25 ppm	Not	25 ppm	25 ppm	Not
	STEL	Not	established Not	Not	35 ppm	established Not
	SILL	established	established	established	ээ ррш	established
NJTS# 80100337-5008	TWA	Not	Not	Not	2 mg/m³	Not
		established	established	established		established
aluminium hydroxide	TWA	1 mg/m³	Not	1 mg/m³ R	Not	Not
		1 mg/m³ R	established		established	established
silicon dioxide	TWA	Not	Not	Not	10 mg/m³	Not
		established	established	established	3 mg/m³ R	established
xylene	TWA	100 ppm	100 ppm	100 ppm	100 ppm	Not
	STEL	150 ppm	Not	150 ppm	150 ppm	established Not
	SIEL	тэо ррш	established	тэо ррпп	150 ppiii	established
cumene	TWA	50 ppm	50 ppm S	50 ppm S	50 ppm S	Not
Cumene	1 447	оо ррпі	об ррпі З	oo ppiii o	oo ppiii o	established
	STEL	Not	Not	Not	75 ppm S	Not
İ		established	established	established		established

Key to abbreviations

A = Acceptable Maximum Peak
ACGIH = American Conference of Governmental Industrial Hygienists.

C = Ceiling Limit
F = Fume

IPEL = Internal Permissible Exposure Limit
OSHA = Occupational Safety and Health Administration.

R = Respirable
Z = OSHA 29CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

S = Potential skin absorption
SR = Respiratory sensitization
SS = Skin sensitization

STEL = Short term Exposure limit values

TD = Total dust

TLV = Threshold Limit Value
TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

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8. Exposure controls/personal protection

Engineering measures

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Eyes Hands

Gloves

: Chemical splash goggles.

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

protection time of the gloves cannot be accurately estimated.

For prolonged or repeated handling, use the following type of gloves:

3,1

Recommended: butyl rubber, nitrile rubber

Respiratory

: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Physical state : Liquid.

Flash point : Closed cup: 36.11°C (97°F)

Material supports combustion.

: Yes.

Color : White.

Odor : Not available. pH : Not available.

Boiling/condensation point: 117.78 to 168.33°C (244 to 335°F)

Melting/freezing point : Not available.

Specific gravity : 1.62

Density (lbs / gal) : 13.52

Vapor pressure : 0.17 kPa (1.3 mm Hg) [room temperature]

Vapor density: Not available.Evaporation rate: Not available.

VOC : 364 g/l

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9. Physical and chemical properties

Solubility : Insoluble in the following materials: cold water.

Partition coefficient: n- : Not available.

octanol/water

% Solid. (w/w) : 77.56

10. Stability and reactivity

Stability

: Stable under recommended storage and handling conditions (see Section 7).

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition.

: Reactive or incompatible with the following materials; water, acids, oxidizing materials,

strong alkalis

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Acute toxicity

Materials to avoid

Product/ingredient name	Result	Species	Dose	Exposure
titanium dioxide	LD50 Oral	Rat	>10 g/kg	-
butan-1-ol	LD50 Oral	Rat	0.79 g/kg	-
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LC50 Inhalation	Rat	8000 ppm	4 hours
	Vapor			
Solvent naphtha (petroleum), light	LD50 Oral	Rat	8400 mg/kg	-
aromatic				
	LD50 Dermal	Rabbit	3.48 g/kg	-
1,2,4-trimethylbenzene	LD50 Oral	Rat	5 g/kg	-
	LC50 Inhalation	Rat	18000 mg/m3	4 hours
xylene	LD50 Oral	Rat	4.3 g/kg	-
•	LD50 Dermal	Rabbit	>1.7 g/kg	-
	LC50 Inhalation	Rat	5000 ppm	4 hours
	Vapor			
cumene	LD50 Oral	Rat	1.4 g/kg	-
	LD50 Dermal	Rabbit	12.3 g/kg	-
	LC50 Inhalation	Rat	39000 mg/m3	4 hours

Conclusion/Summary Chronic toxicity

: Not available.

Conclusion/Summary

: Not available.

Defatting irritant

 Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Target organs

: Contains material which causes damage to the following organs: brain, central nervous system (CNS).

Contains material which may cause damage to the following organs: blood, kidneys, lungs, the nervous system, liver, upper respiratory tract, skin, ears, eye, lens or cornea.

Carcinogenicity Carcinogenicity

: Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Classification

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11. Toxicological information

Product/ingredient name	ACGIH	IARC	NTP	OSHA
titanium dioxide	A4	2B	-	-
aluminium hydroxide	A4	-	-	-
silicon dioxide	-	3	-	-
cumene	-	2B	-	-

Carcinogen Classification code:

ACGIH: A1, A2, A3, A4, A5 IARC: 1, 2A, 2B, 3, 4 NTP: Proven, Possible

OSHA: +

Not listed or regulated as a carcinogen: -

12 . Ecological information

Environmental effects

: No known significant effects or critical hazards.

Aquatic ecotoxicity

Result	Species	Exposure
Acute LC50 100 to 500 mg/L Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
Acute EC50 1983000 to 2072000 ug/L Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
Acute LC50 7720 to 8280 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
Acute LC50 3300 to 4093 ug/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
Acute LC50 2700 ug/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
Acute EC50 10600 to 14100 ug/L Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 100 to 500 mg/L Fresh water Acute EC50 1983000 to 2072000 ug/L Fresh water Acute LC50 7720 to 8280 ug/L Fresh water Acute LC50 3300 to 4093 ug/L Fresh water Acute LC50 2700 ug/L Fresh water Acute LC50 10600 to 14100 ug/L	Acute LC50 100 to 500 mg/L Fresh water Acute EC50 1983000 to 2072000 ug/L Fresh water Acute LC50 7720 to 8280 ug/L Fresh water Acute LC50 3300 to 4093 ug/L Fresh water Acute LC50 2700 ug/L Fresh water Acute LC50 2700 ug/L Fresh water Acute LC50 10600 to 14100 ug/L Fish - Bluegill - Lepomis macrochirus Daphnia - Water flea - Daphnia magna Fish - Fathead minnow - Pimephales promelas Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss Daphnia - Water flea - Daphnia

13. Disposal considerations

Waste disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

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14. Transport information

	DOT	TDG	Mexico	IMDG
UN number	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3	3
Packing group	III	III	III	III
Environmental hazards	No.	Yes.	No.	Yes.
Marine pollutant substances	Not applicable.	(Solvent naphtha (petroleum), light aromatic, zinc oxide)	Not applicable.	(Solvent naphtha (petroleum), light aromatic, zinc oxide)
Product RQ (lbs)	31004.9	Not applicable.	Not applicable.	Not applicable.
RQ substances	(xylene, butan-1-ol)	Not applicable.	Not applicable.	Not applicable.

Additional information

DOT : Package sizes shipped in quantities less than the product reportable quantity are not subject to the

RQ (reportable quantity) transportation requirements.

TDG : The marine pollutant mark is not required when transported by road or rail.

Mexico : None identified.

IMDG: The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

15 . Regulatory information

United States inventory (TSCA 8b): All components are listed or exempted.
 Australia inventory (AICS): All components are listed or exempted.
 Canada inventory (DSL): All components are listed or exempted.
 China inventory (IECSC): All components are listed or exempted.

Europe inventory (REACH) : Please contact your supplier for information on the inventory status of this

material.

Japan inventory (ENCS) : At least one component is not listed.

Korea inventory (KECI) : All components are listed or exempted.

New Zealand (NZIoC) : Substance Use Restricted

Philippines inventory (PICCS) : All components are listed or exempted.

United States

SARA 302/304: No products were found.

CERCLA: Hazardous substances.: butan-1-ol: 5000 lbs. (2270 kg); cumene: 5000 lbs. (2270 kg); xylene: 100 lbs. (45. 4 kg); zinc oxide: No RQ is being assigned to the generic or broad class.; zinc 5-nitroisophthalate: No RQ is being assigned to the generic or broad class.;

SARA 311/312 SDS Distribution - Chemical Inventory - Hazard Identification:

Chemical name CAS # Acute Chronic Fire Reactive Pressure

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15 . Regulatory info	rmation									
titanium dioxide	13463-67-7	N	Υ	N	N	N				
proprietary polyamide	Not available.	Υ	N	N	N	N				
butan-1-ol	71-36-3	Υ	N	Υ	N	N				
Solvent naphtha (petroleum), lig aromatic	ht 64742-95-6	Υ	N	Y	N	N				
zinc oxide	1314-13-2	Ν	N	N	N	N				
calcium silicate	10101-39-0	Υ	N	N	N	N				
1,2,4-trimethylbenzene	95-63-6	Υ	N	Υ	N	N				
NJTS# 80100337-5008	Proprietary	Ν	N	N	N	N				
aluminium hydroxide	21645-51-2	Ν	N	N	N	N				
silicon dioxide	7631-86-9	Ν	N	N	N	N				
cumene	98-82-8	Υ	Y	Υ	N	Ν				
Prod	luct as-supplied :	Υ	Y	Υ	N	N				
Supplier notification bu	hemical name utan-1-ol nc oxide 2,4-trimethylbenzene			CAS number 71-36-3 1314-13-2 95-63-6	Concentration 7 - 13 3 - 7 1 - 5	<u>on</u>				

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Canada

WHMIS (Canada)

: Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). Class D-2A: Material causing other toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).

Mexico

Classification

Flammability: 3 Health: 3 Reactivity: 0

16 . Other information

Hazardous Material Information System (U.S.A.)

Health: 3 * Flammability: 3 Physical hazards: 0

(*) - Chronic

effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health: 3 Flammability: 3 Instability: 0

Date of previous issue : 2/24/2014.

Organization that prepared : EHS

the MSDS

Indicates information that has changed from previously issued version.

Disclaimer

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16. Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

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