

Material Safety Data Sheet
BAR-RUST 231 ALUMINUM KIT

Sales
Order: {SalesOrd}
DC231K9100
03/06/2013
0-

Bulk Sales Reference No.:
MSDS Revision Date:
MSDS Revision Number:



1. Identification of the preparation and company

Product Identity BAR-RUST 231 ALUMINUM KIT
Bulk Sales Reference No. DC231K9100
Company Name International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency
CHEMTREC (USA) (800) 424-9300
International Paint (713) 682-1711
Poison Control Center (800) 854-6813
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product



Danger

GHS Classification:

Item	Category	Hazard
Flammability	3	Flammable liquid and vapor
Acute Toxicity (mouth)	Not classified	Not applicable
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	Not classified	Not applicable
Eye damage/irritation	1	Causes serious eye damage
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	respiratory system
	2	Not applicable
	3	narcotic effects, respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	auditory apparatus, central nerve system, lung, systemic toxicity
	2	kidneys, liver, respiratory system, testes
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	3	Harmful to aquatic life.
Harmfulness to aquatic Environment (long term effect)	4	May cause harm to aquatic life with long lasting effects

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Carcinogenicity	1A	May cause cancer
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

Safety Phrases:

S24: Avoid contact with skin.

S28: After contact with skin, wash immediately with plenty of soap and water.

S37: Wear suitable gloves.

S39: Wear eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

Overview	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	May cause severe eye damage. Avoid contact with eyes.
Skin	Causes skin irritation. May cause allergic skin reaction. May be harmful if absorbed through the skin.
Ingestion	May be fatal or cause blindness if swallowed. Cannot be made non-poisonous.
Chronic effects	Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.
HMIS Rating	Health: 3* Flammability: 3 Reactivity: 0 PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Butanol	0000071-36-3	1.0 - 10
Bisphenol A	0000080-05-7	1.0 - 10
1,2,4-Trimethyl benzene	0000095-63-6	1.0 - 10
Benzene, ethyl-	0000100-41-4	0.10 - 1.0
Methylisobutyl ketone	0000108-10-1	1.0 - 10
1,3,5-Trimethylbenzene	0000108-67-8	1.0 - 10
Methyl n-amyl ketone	0000110-43-0	1.0 - 10
Triethylene tetramine	0000112-24-3	1.0 - 10
Magnesium carbonate	0000546-93-0	1.0 - 10
Aluminum	0007429-90-5	1.0 - 10
Stoddard solvent	0008052-41-3	1.0 - 10
Wollastonite (Ca(SiO3))	0013983-17-0	1.0 - 10
Talc	0014807-96-6	10 - 25
Quartz	0014808-60-7	0.10 - 1.0
Polymer of epoxy resin and bisphenol A	0025036-25-3	1.0 - 10
Reaction of epichlorohydrin and bisphenol A	0025085-99-8	10 - 25
Petroleum naphtha	0064742-95-6	1.0 - 10
FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	0068410-23-1	1.0 - 10

This product contains 0.16 percent Quartz.

4. First aid measures

General

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Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

Flash Point	F: 85 C: 29
Lower Explosive Limit (LEL)	1 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	128

6. Accidental release measures

Spill Response Procedures	ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.
Public Safety	CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).
ERG Guide No.	128

7. Handling and storage

Storage Temperature	Store between 40-100F (4-38C).
Handling and Storage Precautions	Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling.

8. Exposure controls and personal protection

		Exposure	
CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling
		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	No Established Limit
		Brazil	No Established Limit

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0000080-05-7	Bisphenol A	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000100-41-4	Benzene, ethyl-	OSHA	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		ACGIH	100 ppm TWA125 ppm STEL
		NIOSH	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWA125 ppm STEL
		Mexico	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
0000108-10-1	Methylisobutyl ketone	OSHA	100 ppm TWA; 410 mg/m3 TWA75 ppm STEL; 300 mg/m3 STEL
		ACGIH	20 ppm TWA75 ppm STEL
		NIOSH	50 ppm TWA; 205 mg/m3 TWA75 ppm STEL; 300 mg/m3 STEL500 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	50 ppm TWA75 ppm STEL
		Mexico	50 ppm TWA; 205 mg/m3 TWA75 ppm STEL; 307 mg/m3 STEL
		Brazil	No Established Limit
0000108-67-8	1,3,5-Trimethylbenzene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000110-43-0	Methyl n-amy ketone	OSHA	100 ppm TWA; 465 mg/m3 TWA
		ACGIH	50 ppm TWA
		NIOSH	100 ppm TWA; 465 mg/m3 TWA800 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	25 ppm TWA; 115 mg/m3 TWA
		Mexico	50 ppm TWA; 235 mg/m3 TWA100 ppm STEL; 465 mg/m3 STEL
		Brazil	No Established Limit
0000112-24-3	Triethylene tetramine	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		Supplier	No Established Limit

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		OHSA, CAN	0.5 ppm TWA; 3 mg/m3 TWA
		Mexico	No Established Limit
		Brazil	No Established Limit
0000546-93-0	Magnesium carbonate	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	No Established Limit
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWA (containing no Asbestos and
		Mexico	10 mg/m3 TWA20 mg/m3 STEL
		Brazil	No Established Limit
0007429-90-5	Aluminum	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	1 mg/m3 TWA (respirable fraction)
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	1 mg/m3 TWA (respirable)
		Mexico	10 mg/m3 TWA (dust)
		Brazil	No Established Limit
0008052-41-3	Stoddard solvent	OSHA	500 ppm TWA; 2900 mg/m3 TWA
		ACGIH	100 ppm TWA
		NIOSH	350 mg/m3 TWA1800 mg/m3 Ceiling (15 min)20000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	525 mg/m3 TWA (140C Flash aliphatic solvent)
		Mexico	100 ppm TWA; 523 mg/m3 TWA200 ppm STEL; 1050 mg/m3 STEL
		Brazil	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO3))	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0014807-96-6	Talc	OSHA	No Established Limit
		ACGIH	2 mg/m3 TWA (particulate matter containing no asbestos and
		NIOSH	2 mg/m3 TWA (containing no Asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	2 mg/m3 TWA (respirable fraction)
		Brazil	No Established Limit
0014808-60-7	Quartz	OSHA	No Established Limit
		ACGIH	0.025 mg/m3 TWA (respirable fraction)
		NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)
		Mexico	0.1 mg/m3 TWA (respirable fraction)

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0025036-25-3	Polymer of epoxy resin and bisphenol A	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
0064742-95-6	Petroleum naphtha	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
0068410-23-1	FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit

Health Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000080-05-7	Bisphenol A	NIOSH	No Established Limit
0000095-63-6	1,2,4-Trimethyl benzene	NIOSH	No Established Limit
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000108-10-1	Methylisobutyl ketone	NIOSH	Irritation liver
0000108-67-8	1,3,5-Trimethylbenzene	NIOSH	No Established Limit
0000110-43-0	Methyl n-amy ketone	NIOSH	Irritation; liver kidney
0000112-24-3	Triethylene tetramine	NIOSH	No Established Limit
0000546-93-0	Magnesium carbonate	NIOSH	Skin mucous membrane
0007429-90-5	Aluminum	NIOSH	Lung changes that may lead to pulmonary fibrosis; respiratory and skin irritation
0008052-41-3	Stoddard solvent	NIOSH	Eye nose
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	No Established Limit
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
0025036-25-3	Polymer of epoxy resin and bisphenol A	NIOSH	No Established Limit
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	NIOSH	No Established Limit
0064742-95-6	Petroleum naphtha	NIOSH	No Established Limit

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0068410-23-1	FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	NIOSH	No Established Limit
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Carcinogen Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000080-05-7	Bisphenol A	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000100-41-4	Benzene, ethyl-	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000108-10-1	Methylisobutyl ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000108-67-8	1,3,5-Trimethylbenzene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000110-43-0	Methyl n-amyl ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000112-24-3	Triethylene tetramine	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000546-93-0	Magnesium carbonate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007429-90-5	Aluminum	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008052-41-3	Stoddard solvent	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0013983-17-0	Wollastonite (Ca(SiO3))	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0014807-96-6	Talc	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0014808-60-7	Quartz	OSHA	Select Carcinogen: Yes
		NTP	Known: Yes; Suspected: No

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		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025036-25-3	Polymer of epoxy resin and bisphenol A	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-95-6	Petroleum naphtha	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068410-23-1	FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

- Respiratory** Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.
- Eyes** Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
- Skin** Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
- Engineering Controls** Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.
- Other Work Practices** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Physical and chemical properties

Physical State	Liquid Coloured
pH	No Established Limit
Specific Gravity	1.34
Boiling Point F	175
Vapor Density	Heavier than air
VOC %	Refer to the Technical Data Sheet or label where information is available.
Evaporation Rate	Slower than ether

10. Stability and reactivity

- General** This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

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Incompatible Materials Strong oxidizing agents.

Hazardous May produce hazardous fumes when heated to decomposition as in welding. Fumes
Decomposition may produce Carbon Dioxide and Carbon Monoxide.

11. Toxicological information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Butanol – (0000071–36–3)	790.00, Rat – Category: 4	3,400.00, Rabbit – Category: 5	17.70, Rat – Category: 4
Bisphenol A – (0000080–05–7)	3,200.00, Rat – Category: 5	3,000.00, Rabbit – Category: 5	-----
1,2,4-Trimethyl benzene – (0000095–63–6)	3,400.00, Rat – Category: 5	3,160.00, Rabbit – Category: 5	-----
Benzene, ethyl– (0000100–41–4)	3,500.00, Rat – Category: 5	15,354.00, Rabbit – Category: NA	17.20, Rat – Category: 4
Methylisobutyl ketone – (0000108–10–1)	2,080.00, Rat – Category: 5	16,000.00, Rabbit – Category: NA	8.20, Rat – Category: 3
1,3,5-Trimethylbenzene – (0000108–67–8)	5,000.00, Rat – Category: 5	-----	-----
Methyl n–amyl ketone – (0000110–43–0)	1,670.00, Rat – Category: 4	-----	-----
Triethylene tetramine – (0000112–24–3)	2,500.00, Rat – Category: 5	550.00, Rabbit – Category: 3	-----
Magnesium carbonate – (0000546–93–0)	-----	-----	-----
Aluminum – (0007429–90–5)	-----	-----	-----
Stoddard solvent – (0008052–41–3)	5,000.00, Rat – Category: 5	3,000.00, Rabbit – Category: 5	5,500.00, Rat – Category: NA
Wollastonite (Ca(SiO3)) – (0013983–17–0)	-----	-----	-----
Talc – (0014807–96–6)	-----	-----	-----
Quartz – (0014808–60–7)	500.00, Rat – Category: 4	-----	-----
Polymer of epoxy resin and bisphenol A – (0025036–25–3)	-----	-----	-----
Reaction of epichlorohydrin and bisphenol A – (0025085–99–8)	-----	-----	-----
Petroleum naphtha – (0064742–95–6)	8,400.00, Rat – Category: NA	2,000.00, Rabbit – Category: 4	5.20, Rat – Category: 3
FATTY ACIDS, C18–UNSATD., DIMERS, REACTION PRODUCT – (0068410–23–1)	-----	-----	-----

General NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

12. Ecological information

Not Defined
No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

13. Disposal considerations

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

DOT (Domestic Surface Transportation)
PAINT

IMO / IMDG (Ocean Transportation)
PAINT

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DOT Proper Shipping Name		IMDG Proper Shipping Name	
DOT Hazard Class	3	IMDG Hazard Class	3 – Flammable and Combustible liquid
UN / NA Number	UN 1263	UN / NA Number	UN 1263
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	903 gal. / 10076 lbs.	System Reference Code	2

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification B2:D2B

DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

Cumene (5000 lb final RQ; 2270 kg final RQ)
Benzene, ethyl- (1000 lb final RQ; 454 kg final RQ)
Methylisobutyl ketone (5000 lb final RQ; 2270 kg final RQ)
Butanol (5000 lb final RQ; 2270 kg final RQ)
Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

1,2,4-Trimethyl benzene
Aluminum
Bisphenol A
Cumene
Benzene, ethyl-
Methylisobutyl ketone
Butanol
Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

1,2,4-Trimethyl benzene
Aluminum
Bisphenol A
Magnesium carbonate
Methyl n-amyl ketone
Methylisobutyl ketone
Butanol
Stoddard solvent
Talc
Triethylene tetramine
1,3,5-Trimethylbenzene

Mass Extraordinarily Haz Sub (>.01%) :

Quartz

Penn RTK Substances (>1%) :

1,2,4-Trimethyl benzene
Aluminum
Bisphenol A
Methyl n-amyl ketone
Methylisobutyl ketone
Butanol

- Stoddard solvent
- Talc
- Triethylene tetramine
- Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)
- Rhode Island Hazardous Substances (>.1%) :
 - Aluminum
 - 2-Butoxyethanol
 - Cumene
 - Benzene, ethyl-
 - Magnesium carbonate
 - Methyl n-amyyl ketone
 - Methylisobutyl ketone
 - Butanol
 - Quartz
 - Stoddard solvent
 - Talc
 - Xylenes (o-, m-, p- isomers)
- RCRA Status:
(No Product Ingredients Listed)
- N.J. RTK Substances (>1%) :
 - 1,2,4-Trimethyl benzene
 - Aluminum
 - Bisphenol A
 - Magnesium carbonate
 - Methyl n-amyyl ketone
 - Methylisobutyl ketone
 - Butanol
 - Stoddard solvent
 - Talc
 - Triethylene tetramine
- N.J. Special Hazardous Substances (>.01%) :
 - Aluminum
 - 2-Butoxyethanol
 - Cumene
 - Benzene, ethyl-
 - Isobutyl alcohol
 - Methylisobutyl ketone
 - Butanol
 - Quartz
 - Triethylene tetramine
 - Xylenes (o-, m-, p- isomers)
- N.J. Env. Hazardous Substances (>.1%) :
 - 1,2,4-Trimethyl benzene
 - Aluminum
 - Bisphenol A
 - Cumene
 - Benzene, ethyl-
 - Methylisobutyl ketone
 - Butanol
 - Xylenes (o-, m-, p- isomers)
- Proposition 65 – Carcinogens (>0%):
 - Cumene
 - Benzene, ethyl-
 - Quartz
- Proposition 65 – Female Repro Toxins (>0%):
 - Benzene, methyl-

Proposition 65 – Male Repro Toxins (>0%):
(No Product Ingredients Listed)

Proposition 65 – Developmental Toxins (>0%):
Benzene, methyl-

Risk Phrases:

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R45: May cause cancer.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.