## Material Safety Data Sheet BAR-RUST 235 IM GREY KIT

Sales

0-

Order: {SalesOrd}

Bulk Sales Reference No.: MSDS Revision Date: MSDS Revision Number: DC235K2531 06/04/2013



## 1. Identification of the preparation and company

Product Identity BAR-RUST 235 IM GREY KIT

Bulk Sales Reference No. DC235K2531

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







Warning

# GHS Classification;

	1	
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	2	Causes skin irritation
Eye damage/irritation	2A	Causes serious eye irritation
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	central nerve system, kidneys, liver, 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, respiratory system
	2	Not applicable
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

Carcinogenicity	Not classified	Not applicable
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

#### Safety Phrases:

S1: Keep locked up.

S23: Do not breathe vapor/spray.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

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.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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 Risk of serious damage to eyes. Do not get in 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 condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thouroughly cleaned, or discarded after each use.

Skin Causes skin irritation. May cause delayed skin irritation. May cause allergic skin

reaction. May be harmful if absorbed through the skin.

Ingestion Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or

drowsiness.

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: 2 Reactivity: 0 PPE: X

### 3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Butanol	0000071-36-3	1.0 – 10
1,2,4–Trimethyl benzene	0000095-63-6	1.0 – 10
Benzene, ethyl-	0000100-41-4	0.10 - 1.0
1,3,5-Trimethylbenzene	0000108-67-8	1.0 – 10
Methyl n-amyl ketone	0000110-43-0	1.0 – 10
Xylenes (o-, m-, p- isomers)	0001330-20-7	1.0 – 10
Silica, amorphous	0007631-86-9	1.0 – 10
Mica	0012001-26-2	1.0 – 10
Titanium dioxide	0013463-67-7	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
Bisphenol A – Epichlorohydrin	0025068-38-6	10 – 25
Reaction of epichlorohydrin and bisphenol A	0025085-99-8	1.0 – 10
Petroleum naphtha	0064742-95-6	1.0 – 10
Distillates, petroleum	0068410-16-2	1.0 – 10

Alkylated polyamine adduct 0068413–28–5 10 – 25

This product contains 0.24 percent Quartz.

#### 4. First aid measures

General 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: 100

C: 38

Lower Explosive Limit (LEL)

1 (%vol in air) at Normal Atmospheric Temp and Pressure

ERG Guide No. 12

#### 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. Do not get in eyes, on skin or clothing. 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		100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling

1	400111	OO TOWN TIME
	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
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;
	1410011	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
0000108-67-8 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-amyl 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
0001330-20-7 Xylenes (o-, m-, p- isomers)	OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
	ACGIH	100 ppm TWA150 ppm STEL
	NIOSH	No Established Limit
	Supplier	No Established Limit
	OHSA, CAN	100 ppm TWA150 ppm STEL
	Mexico	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
	Brazil	78 ppm TWA; 340 mg/m3 TWA
0007631-86-9 Silica, amorphous	OSHA	No Established Limit
	ACGIH	No Established Limit
	NIOSH	6 mg/m3 TWA3000 mg/m3 IDLH
	Supplier	No Established Limit
		No Established Limit

	OHSA,	
	CAN	
	Mexico	No Established Limit
	Brazil	No Established Limit
Mica	OSHA	No Established Limit
	ACGIH	3 mg/m3 TWA (respirable fraction)
	NIOSH	3 mg/m3 TWA (containing
	Supplier	No Established Limit
	OHSA, CAN	3 mg/m3 TWA (respirable)
	Mexico	3 mg/m3 TWA (respirable fraction)
	Brazil	No Established Limit
Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
	ACGIH	10 mg/m3 TWA
	NIOSH	5000 mg/m3 IDLH
	Supplier	No Established Limit
	OHSA, CAN	10 mg/m3 TWA (total dust)
	Mexico	10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti)
	Brazil	No Established Limit
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
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)
	D===:I	
	Brazil	No Established Limit
Quartz	OSHA	No Established Limit  No Established Limit
Quartz		
Quartz	OSHA	No Established Limit 0.025 mg/m3 TWA (respirable fraction)
Quartz	OSHA ACGIH	No Established Limit 0.025 mg/m3 TWA (respirable fraction) 0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH
Quartz	OSHA ACGIH NIOSH	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable)
Quartz	OSHA ACGIH NIOSH Supplier OHSA, CAN	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)
Quartz	OSHA ACGIH NIOSH Supplier OHSA, CAN	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit
Quartz  Bisphenol A – Epichlorohydrin	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit  No Established Limit  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit  No Established Limit  No Established Limit  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH Supplier	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit  No Established Limit  No Established Limit  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH Supplier OHSA, CAN	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH Supplier OHSA,	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit
Bisphenol A – Epichlorohydrin	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust) No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction) No Established Limit
	OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico	No Established Limit  0.025 mg/m3 TWA (respirable fraction)  0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)  No Established Limit  0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)  0.1 mg/m3 TWA (respirable fraction)  No Established Limit
	Titanium dioxide  Wollastonite (Ca(SiO3))	CAN   Mexico   Brazil

1	ı		I
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0064742-95-6	Petroleum naphtha	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
0068410-16-2	Distillates, petroleum	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
0068413-28-5	Alkylated polyamine adduct	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

# Health Data

CAS No.	Ingredient	Source	Value
0000071–36–3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000095-63-6	1,2,4–Trimethyl benzene	NIOSH	No Established Limit
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000108-67-8	1,3,5–Trimethylbenzene	NIOSH	No Established Limit
0000110-43-0	Methyl n–amyl ketone	NIOSH	Irritation; liver kidney
0001330–20–7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0007631-86-9	Silica, amorphous	NIOSH	No Established Limit
0012001-26-2	Mica	NIOSH	respirable dust; Fibrotic pneumoconiosis
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
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)
0025068-38-6	Bisphenol A – Epichlorohydrin	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
0068410-16-2	Distillates, petroleum	NIOSH	No Established Limit
0068413-28-5	Alkylated polyamine adduct	NIOSH	No Established Limit

# Carcinogen Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	Select Carcinogen: No

I		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;
0000108–67–8	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;
	Xylenes (o-, m-, p- isomers)	OSHA	Select Carcinogen: No
	130111013)	NTP IARC	Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group
		IANO	3: Yes; Group 4: No;
0007631-86-9	Silica, amorphous	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;
0012001–26–2	Mica	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;
0013463–67–7	Titanium dioxide	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;
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 IARC	Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group
		IANO	3: Yes; Group 4: No;
0014808-60-7	Quartz	OSHA	Select Carcinogen: Yes
		NTP	Known: Yes; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025068-38-6		OSHA	Select Carcinogen: No
	Epichlorohydrin	NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025085–99–8		OSHA	Select Carcinogen: No
	epichlorohydrin and bisphenol A	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;

0068410-16-2	Distillates, petroleum	OSHA	Select Carcinogen: No	
	NTP		Known: No; Suspected: No	
			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;	
0068413-28-5	Alkylated polyamine	OSHA	Select Carcinogen: No	
	adduct	NTP	Known: No; Suspected: No	
			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

Do not get in 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 condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thouroughly cleaned, or discarded after each use. 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. Protective equipment should be selected to provide protection from exposure to the

Skin

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 1.45
Boiling Point F 200

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.

Incompatible Materials Strong oxidizing agents.

Hazardous May produce hazardous fumes when heated to decomposition as in welding. Fumes

Decompostion 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
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
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		
Xylenes (o-, m-, p- isomers) - (0001330-20-7)	4,300.00, Rat – Category: 5	1,700.00, Rabbit - Category: 4	29.08, rat – Category: NA
Silica, amorphous – (0007631–86–9)	5,000.00, Rat – Category: 5	2,000.00, Rabbit - Category: 4	
Mica - (0012001-26-2)			
Titanium dioxide – (0013463–67–7)	10,000.00, Rat – Category: NA	10,000.00, Rabbit - Category: NA	6,082.00, Rat – Category: NA
Wollastonite (Ca(SiO3)) - (0013983-17-0)			
Talc - (0014807-96-6)			
Quartz - (0014808-60-7)	500.00, Rat – Category: 4		
Bisphenol A – Epichlorohydrin – (0025068–38–6)	11,400.00, Rat – Category: NA		
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
Distillates, petroleum – (0068410–16–2)			
Alkylated polyamine adduct – (0068413–28–5)			

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

**DOT Hazard Class** 

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) IMO / IMDG (Ocean Transportation)

DOT Proper Shipping PAINT IMDG Proper Shipping PAINT

Name Name

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 768 gal. / 9272 lbs. System Reference 2

Code

### 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) Ethylene diamine (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%): Ethylene diamine (10000 lb TPQ) EPCRA 313 Toxic Chemicals (>.1%): 1,2,4-Trimethyl benzene Cumene Benzene, ethyl-Butanol Xylenes (o-, m-, p- isomers) Mass RTK Substances (>1%): 1,2,4-Trimethyl benzene Methyl n-amyl ketone Mica Butanol Silica, amorphous Talc Titanium dioxide 1,3,5-Trimethylbenzene Xylenes (o-, m-, p- isomers) Mass Extraordinarily Haz Sub (>.01%): Ethylene diamine Quartz Penn RTK Substances (>1%): 1,2,4-Trimethyl benzene Methyl n-amyl ketone Mica Butanol Silica, amorphous Talc Titanium dioxide Xylenes (o-, m-, p- isomers) Penn Special Hazardous Substances (>.01%): (No Product Ingredients Listed) Rhode Island Hazardous Substances (>.1%): Cumene Benzene, ethyl-Ethylene diamine Methyl n-amyl ketone Mica Butanol Quartz

Talc

Titanium dioxide

Xylenes (o-, m-, p- isomers)

**RCRA Status:** 

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

1,2,4-Trimethyl benzene

Methyl n-amyl ketone

Mica

Butanol

Talc

Titanium dioxide

Xylenes (o-, m-, p- isomers)

N.J. Special Hazardous Substances (>.01%):

2-Butoxyethanol

Carbon black

Cumene

Benzene, ethyl-

Ethylene diamine

Butanol

Quartz

Xylenes (o-, m-, p- isomers)

N.J. Env. Hazardous Substances (>.1%) :

1,2,4-Trimethyl benzene

Cumene

Benzene, ethyl-

Ethylene diamine

Butanol

Xylenes (o-, m-, p- isomers)

Proposition 65 - Carcinogens (>0%):

Carbon black

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:

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

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.