

Safety Data Sheet
 BAR-RUST 231 LV LOW HH WHITE KIT

Sales
 Order: {SalesOrd}
 DC231K3502
 06/05/2015
 0-0

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



1. Identification of the preparation and company

1.1. Product identifier

Product Identity BAR-RUST 231 LV LOW HH WHITE KIT
 Bulk Sales Reference No. DC231K3502

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use See Technical Data Sheet.
 Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

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

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.
 Eye Dam. 1;H318 Causes serious eye damage.
 Skin Sens. 1;H317 May cause an allergic skin reaction.
 Aquatic Chronic 2;H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



Danger.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

P260 Do not breathe mist / vapors / spray.

- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
 P262 Do not get in eyes, on skin, or on clothing.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352 IF ON SKIN: Wash with soap and water.
 P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P310 Immediately call a POISON CENTER or doctor / physician.
 P331 Do NOT induce vomiting.
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P362 Take off contaminated clothing and wash before reuse.
 P363 Wash contaminated clothing before reuse.
 P391 Collect spillage.
 P403+233 Store in a well ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating Health: 3 Flammability: 4 Reactivity: 0

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
p-Chloro-a,a,a-trifluorotoluene CAS Number: 0000098-56-6	10 - 25	Flam. Liq. 2;H225 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Titanium dioxide CAS Number: 0013463-67-7	10 - 25	----	[1][2]
Polymer of epoxy resin and bisphenol A CAS Number: 0025036-25-3	10 - 25	Eye Irrit. 2;H319 Skin Irrit. 2;H315, Skin Sens. 1;H317	[1]
FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT CAS Number: 0068410-23-1	1.0 - 10	Eye Dam. 1;H318	[1]
Talc CAS Number: 0014807-96-6	1.0 - 10	----	[1][2]
Magnesium carbonate CAS Number: 0000546-93-0	1.0 - 10	----	[1]
Methylisobutyl ketone CAS Number: 0000108-10-1	1.0 - 10	Flam. Liq. 2;H225 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
BUTYL ACETATE CAS Number: 0000540-88-5	1.0 - 10	Flam. Liq. 2;H225	[1][2]
Butanol CAS Number: 0000071-36-3	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H302 STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H336	[1][2]
Silica, amorphous CAS Number: 0007631-86-9	1.0 - 10	----	[1][2]
	1.0 - 10		[1]

Bisphenol A CAS Number: 0000080-05-7		Repr. 2;H361f STOT SE 3;H335 Eye Dam. 1;H318 Skin Sens. 1;H317	
Epoxy Resin CAS Number: 0025068-38-6	1.0 - 10	Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411	[1]
Aluminum hydroxide CAS Number: 0021645-51-2	1.0 - 10	Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Triethylene tetramine CAS Number: 0000112-24-3	0.10 - 1.0	Acute Tox. 4;H312 Skin Corr. 1B;H314 Skin Sens. 1;H317 Aquatic Chronic 3;H412	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. May cause allergic respiratory reaction. May cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath and dry cough. May cause asthma-like symptoms to occur.
Eyes	Causes severe eye irritation. Avoid contact with eyes.
Skin	Causes 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.

5. Fire-fighting measures

5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO₂, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2. Special hazards arising from the substance or mixture

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No. 127

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency 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.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 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).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

Store between 40-100F (4-38C).

Do not get in eyes, on skin or clothing.

Strong oxidizing agents.

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.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m ³ TWA50 ppm Ceiling; 150 mg/m ³ Ceiling
		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m ³ Ceiling1400 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	No Established Limit
		Brazil	40 ppm TWA LT; 115 mg/m ³ TWA LT
0000080-05-7	Bisphenol A	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

DC231K3502_0

		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000098-56-6	p-Chloro-a,a,a-trifluorotoluene	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
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	20 ppm TWA75 ppm STEL
		Mexico	50 ppm TWA LMPE-PPT; 205 mg/m3 TWA LMPE-PPT75 ppm STEL [LMPE-CT]; 307 mg/m3 STEL [LMPE-CT]
		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
		OHSA, CAN	0.5 ppm TWA; 3 mg/m3 TWA
		Mexico	No Established Limit
		Brazil	No Established Limit
0000540-88-5	BUTYL ACETATE	OSHA	200 ppm TWA; 950 mg/m3 TWA
		ACGIH	200 ppm TWA
		NIOSH	200 ppm TWA; 950 mg/m3 TWA1500 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	200 ppm TWA
		Mexico	200 ppm TWA LMPE-PPT; 950 mg/m3 TWA LMPE-PPT250 ppm STEL [LMPE-CT]; 1190 mg/m3 STEL [LMPE-CT]
		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 TWA LMPE-PPT20 mg/m3 STEL [LMPE-CT]
		Brazil	No Established Limit
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

DC231K3502_0

		OHSA, CAN	
		Mexico	No Established Limit
		Brazil	No Established Limit
0013463-67-7	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
		Mexico	10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti)
		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 LMPE-PPT (respirable fraction)
		Brazil	No Established Limit
0021645-51-2	Aluminum hydroxide	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
0025036-25-3	Polymer of epoxy resin and 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
0025068-38-6	Epoxy Resin	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
0068410-23-1	FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	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

DC231K3502_0

0000080-05-7	Bisphenol A	NIOSH	No Established Limit
0000098-56-6	p-Chloro-a,a,a-trifluorotoluene	NIOSH	No Established Limit
0000108-10-1	Methylisobutyl ketone	NIOSH	Irritation liver
0000112-24-3	Triethylene tetramine	NIOSH	No Established Limit
0000540-88-5	BUTYL ACETATE	NIOSH	Eye and throat irritation CNS depression
0000546-93-0	Magnesium carbonate	NIOSH	Skin mucous membrane
0007631-86-9	Silica, amorphous	NIOSH	No Established Limit
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0021645-51-2	Aluminum hydroxide	NIOSH	No Established Limit
0025036-25-3	Polymer of epoxy resin and bisphenol A	NIOSH	No Established Limit
0025068-38-6	Epoxy Resin	NIOSH	No Established Limit
0068410-23-1	FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT	NIOSH	No Established Limit

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;
0000098-56-6	p-Chloro-a,a,a-trifluorotoluene	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;
0000108-10-1	Methylisobutyl ketone	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;
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;
0000540-88-5	BUTYL ACETATE	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;
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;
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;
0014807-96-6	Talc	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group

DC231K3502_0

			3: Yes; Group 4: No;
0021645-51-2	Aluminum hydroxide	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;
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;
0025068-38-6	Epoxy Resin	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;

8.2. Exposure controls

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	Depending on the site-specific conditions of use, provide adequate 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

Appearance	Coloured Liquid
Odour threshold	Not Measured
pH	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	79 (C) 175 (F)
Flash Point	20 (C) 68 (F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.26 Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air

DC231K3502_0

Specific Gravity	1.46
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit Not Measured
VOC %	Refer to the Technical Data Sheet or label where information is available.

9.2. Other information
No further information

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

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.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
p-Chloro-a,a,a-trifluorotoluene - (98-56-6)	13,000.00, Rat - Category: NA	No data available	33.00, Rat - Category: NA	No data available
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA
Polymer of epoxy resin and bisphenol A - (25036-25-3)	No data available	No data available	No data available	No data available
FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT - (68410-23-1)	No data available	No data available	No data available	No data available
Talc - (14807-96-6)	No data available	No data available	No data available	No data available
Magnesium carbonate - (546-93-0)	No data available	No data available	No data available	No data available
Methylisobutyl ketone - (108-10-1)	2,080.00, Rat - Category: 5	16,000.00, Rabbit - Category: NA	12.30, Rat - Category: 4	No data available
BUTYL ACETATE - (540-88-5)	4,100.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	No data available	No data available
Butanol - (71-36-3)				

DC231K3502_0

	2,292.00, Rat - Category: 5	3,430.00, Rabbit - Category: 5	No data available	No data available
Silica, amorphous - (7631-86-9)	5,110.00, Rat - Category: NA	5,000.00, Rabbit - Category: 5	No data available	No data available
Bisphenol A - (80-05-7)	5,000.00, Rat - Category: 5	3,000.00, Rabbit - Category: 5	No data available	No data available
Epoxy Resin - (25068-38-6)	2,000.00, Rat - Category: 4	2,000.00, Rabbit - Category: 4	No data available	No data available
Aluminum hydroxide - (21645-51-2)	5,000.00, Rat - Category: 5	No data available	No data available	No data available
Triethylene tetramine - (112-24-3)	2,780.00, Rat - Category: 5	550.00, Rabbit - Category: 3	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Eye damage/irritation	1	Causes serious eye damage.
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	1	May cause an allergic skin reaction.
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
p-Chloro-a,a,a-trifluorotoluene - (98-56-6)	11.50, Lepomis macrochirus	3.68, Daphnia magna	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Polymer of epoxy resin and bisphenol A - (25036-25-3)	Not Available	Not Available	Not Available
FATTY ACIDS, C18-UNSATD., DIMERS, REACTION PRODUCT - (68410-23-1)	Not Available	Not Available	Not Available
Talc - (14807-96-6)	Not Available	Not Available	Not Available
Magnesium carbonate - (546-93-0)	Not Available	Not Available	Not Available
Methylisobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
BUTYL ACETATE - (540-88-5)	327.00, Pimephales promelas	Not Available	1,300.00 (24 hr), Chlorococcales

DC231K3502_0

Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Silica, amorphous - (7631-86-9)	10,000.00, Danio rerio	10,000.00, Daphnia magna	10,000.00 (72 hr), Scenedesmus subspicatus
Bisphenol A - (80-05-7)	4.60, Pimephales promelas	7.75, Daphnia magna	2.73 (96 hr), Pseudokirchneriella subcapitata
Epoxy Resin - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	Not Available
Aluminum hydroxide - (21645-51-2)	Not Available	Not Available	Not Available
Triethylene tetramine - (112-24-3)	495.00, Pimephales promelas	33.90, Daphnia magna	20.00 (72 hr), Selenastrum capricornutum

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

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

14. Transport information

- 14.1. UN number UN 1263
- 14.2. UN proper shipping name PAINT RELATED MATERIAL
- 14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	PAINT RELATED MATERIAL	IMDG Proper Shipping Name	PAINT RELATED MATERIAL
DOT Hazard Class	3	IMDG Hazard Class	3
		Sub Class	2
UN / NA Number	UN 1263		
DOT Packing Group	II	IMDG Packing Group	II
CERCLA/DOT RQ	Not Applicable gal. / Not Applicable lbs.	System Reference Code	29

- 14.4. Packing group II
- 14.5. Environmental hazards
 - IMDG Marine Pollutant: Yes (p-Chloro-a,a,a-trifluorotoluene)
- 14.6. Special precautions for user
 - Not Applicable
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 - Not Applicable

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 D2B E

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

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

- Methylisobutyl ketone (5000 lb final RQ; 2270 kg final RQ)
- Butanol (5000 lb final RQ; 2270 kg final RQ)
- BUTYL ACETATE (5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate))
- 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
- Bisphenol A
- Methylisobutyl ketone
- Butanol
- Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

- Bisphenol A
- Magnesium carbonate
- Methylisobutyl ketone
- Butanol
- Silica, amorphous
- Talc
- BUTYL ACETATE
- Titanium dioxide

Penn RTK Substances (>1%) :

- Bisphenol A
- Methylisobutyl ketone
- Butanol
- Silica, amorphous
- Talc
- BUTYL ACETATE
- Titanium dioxide

Penn Special Hazardous Substances (>.01%) :

- (No Product Ingredients Listed)

RCRA Status:
(No Product Ingredients Listed)

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

- Bisphenol A
- Magnesium carbonate
- Methylisobutyl ketone
- Butanol
- Silica, amorphous
- Talc
- BUTYL ACETATE
- Titanium dioxide

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

- BUTYL ALCOHOL

Cumene
Isobutyl alcohol
Methylisobutyl ketone
Butanol
Talc
BUTYL ACETATE
Triethylene tetramine
Xylenes (o-, m-, p- isomers)
N.J. Env. Hazardous Substances (>.1%) :
1,2,4-Trimethyl benzene
Bisphenol A
Methylisobutyl ketone
Butanol
Xylenes (o-, m-, p- isomers)
Proposition 65 - Carcinogens (>0%):
Cumene
Benzene, ethyl-
Methylisobutyl ketone
Titanium dioxide
Proposition 65 - Female Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Male Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Developmental Toxins (>0%):
(No Product Ingredients Listed)

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.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This is the first revision of this SDS format, changes from previous revision not applicable.

End of Document