Material Safety Data Sheet BAR-RUST 235 RED PART A

Bulk Sales Reference No.:

MSDS Revision Date: MSDS Revision Number: Sales Order: {SalesOrd} HBQ13H 08/25/2013 A1-1

XInternational.

1. Identification of the preparation and company		
1.1. Product identifier		
Product Identity	BAR–RUST 235 RED PART A	
Bulk Sales Reference No.	HBQ13H	
1.2. Relevant identified uses of the substa	ance 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 da	ata 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. Ha	zard identification of the product	

2.1. Classification of the substance or mixture

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
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.



H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

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.

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.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice/attention.

P337 If eye irritation persists:.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370 In case of fire:.

P391 Collect spillage.

P403+233 Store in a well ventilated place. Keep container tightly closed.

P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating	Health: 3	Flammability: 2	Reactivity: 0
	3. Composition/ir	formation 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
Bisphenol A – Epichlorohydrin CAS Number: 0025068–38–6	10 – 25	Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411	[1]
Talc CAS Number: 0014807–96–6	10 – 25		[1][2]
Petroleum naphtha CAS Number: 0064742–95–6	1.0 – 10	Asp. Tox. 1;H304 Aquatic Chronic 2;H411 (Self Classification)	[1]
1,2,4–Trimethyl benzene CAS Number: 0000095–63–6	1.0 – 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Aquatic Chronic 2;H411	[1]
Wollastonite (Ca(SiO3)) CAS Number: 0013983–17–0	1.0 – 10		[1]
Methyl n–amyl ketone CAS Number: 0000110–43–0	1.0 – 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H302	[1][2]
Reaction of epichlorohydrin and bisphenol A CAS Number: 0025085–99–8	1.0 – 10		[1]
1,3,5–Trimethylbenzene CAS Number: 0000108–67–8	1.0 – 10	Flam. Liq. 3;H226 STOT SE 3;H335 Aquatic Chronic 2;H411	[1]
Titanium dioxide CAS Number: 0013463–67–7	1.0 – 10		[1][2]
Xylenes (o–, m–, p– isomers) CAS Number: 0001330–20–7	1.0 – 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]

Phenol, 4–nonyl–, branched CAS Number: 0084852–15–3	0.10 – 1.0	Repr. 2;H361fd Acute Tox. 4;H302 Skin Corr. 1B;H314 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]	
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[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 syr	nptoms and effects, both acute and delayed	
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	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. CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective. SMALL FIRES: Use dry chemical, CO2, water spray or regular foam. LARGE FIRES: Use water spray, fog, or regular foam. Do not use straight streams. Move containers from fire area if you can do so without risk.

5.2. Special hazards arising from the substance or mixture

HIGHLY FLAMMABLE 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. Many liquids are lighter than water.

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.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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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 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).

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).

Avoid contact with eyes, skin and 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.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

8. Exposure controls and personal protection

8.1. Control parameters

CAS No.	Ingredient	Source	Value
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
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 LMPE-PPT; 235 mg/m3 TWA LMPE-PPT100 ppm STEL [LMPE-CT]; 465 mg/m3 STEL [LMPE-CT]
		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 LMPE-PPT; 435 mg/m3 TWA LMPE-PPT150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
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
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 LMPE-PPT (respirable fraction)
		Brazil	No Established Limit
0025068-38-6	Bisphenol A – Epichlorohydrin	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
	Reaction of epichlorohydrin	OSHA	No Established Limit
	and bisphenol A	ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA,	No Established Limit
		CAN	

1	l	Drozil	No Established Limit
-		Brazil	INO 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
0084852-15-3	Phenol, 4–nonyl–, branched	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	
0000095-63-6	1,2,4–Trimethyl benzene	NIOSH	No Established Limit	
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)		Central nervous system depressant; respiratory and eye irritation	
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	
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	
0084852-15-3	Phenol, 4-nonyl-, branched	NIOSH	No Established Limit	

CAS No.	Ingredient	Source	Value	
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;	
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;	
0001330–20–7	Xylenes (o–, m–, p– isomers)	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;	

Carcinogen Data

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;		
0025068–38–6	Bisphenol A –	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	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;		
	Phenol, 4-nonyl-, branched	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		
рН	No Established Limit		
Melting point / freezing point	Not Measured		
Initial boiling point and boiling range	e 99 (C) 210 (F)		
Flash Point	38 (C) 100 (F)		

Evaporation rate (Ether = 1) Flammability (solid, gas)	Not Measured Not Applicable		
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1		
	Upper Explosive Limit: No Established Limit		
vapor pressure (Pa)	Not Measured		
Vapor Density	Heavier than air		
Specific Gravity	1.27		
Partition coefficient n-octanol/water (Log Kow)	Not Measured		
Auto-ignition temperature	Not Measured		
Decomposition temperature	Not Measured		
Viscosity (cSt)	No Established Limit		
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

HIGHLY FLAMMABLE 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. Many liquids are lighter than water.

11. Toxicological information

Acute toxicity

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.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Bisphenol A – Epichlorohydrin – (25068–38–6)	2,000.00, Rat – Category: 4	2,000.00, Rabbit - Category: 4	No data available
Talc – (14807–96–6)	No data available	No data available	No data available
Petroleum naphtha – (64742–95–6)	6,800.00, Rat – Category: NA	3,400.00, Rabbit - Category: 5	No data available
1,2,4-Trimethyl benzene - (95-63-6)	3,400.00, Rat – Category: 5	3,160.00, Rabbit - Category: 5	18.00, Rat – Category: 4
Wollastonite (Ca(SiO3)) – (13983–17–0)	No data available	No data available	No data available
Methyl n–amyl ketone – (110–43–0)			

	1,670.00, Rat – Category: 4	12,600.00, Rabbit – Category: NA	No data available
Reaction of epichlorohydrin and bisphenol A – (25085–99–8)	No data available	No data available	No data available
1,3,5–Trimethylbenzene – (108–67–8)	No data available	No data available	24.00, Rat – Category: NA
Titanium dioxide – (13463–67–7)	10,000.00, Rat – Category: NA	10,000.00, Rabbit – Category: NA	No data available
Xylenes (o–, m–, p– isomers) – (1330–20–7)	4,299.00, Rat – Category: 5	1,548.00, Rabbit - Category: 4	20.00, Rat – Category: 4
Phenol, 4-nonyl-, branched - (84852-15-3)	580.00, Rat – Category: 4	2,031.00, Rabbit - Category: 5	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	2	Causes serious eye irritation.
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
Bisphenol A – Epichlorohydrin – (25068–38–6)	3.10, Pimephales promelas	1.40, Daphnia magna	Not Available
Talc – (14807–96–6)	Not Available	Not Available	Not Available
Petroleum naphtha – (64742–95–6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
1,2,4–Trimethyl benzene – (95–63–6)	7.72, Pimephales promelas	3.60, Daphnia magna	Not Available
Wollastonite (Ca(SiO3)) – (13983–17–0)	Not Available	Not Available	Not Available
Methyl n–amyl ketone – (110–43–0)	131.00, Pimephales promelas	Not Available	Not Available
Reaction of epichlorohydrin and bisphenol A – (25085–99–8)	Not Available	Not Available	Not Available
1,3,5–Trimethylbenzene – (108–67–8)	12.52, Carassius auratus	6.00, Daphnia magna	25.00 (48 hr), Scenedesmus subspicatus
		5.50, Daphnia magna	

Titanium dioxide – (13463–67–7)	1,000.00, Fundulus heteroclitus		5.83 (72 hr), Pseudokirchneriella subcapitata
Xylenes (o–, m–, p– isomers) – (1330–20–7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Phenol, 4–nonyl–, branched – (84852–15–3)	Not Available	Not Available	Not Available

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 nar	ne PAINT				
14.3. Transport hazard class	(es)				
DOT (Domestic Surface	Transportation)	IMO / IMDG (Ocea	an Transportation)		
DOT Proper Shipping Name	PAINT	IMDG Proper Shipping Name	PAINT		
DOT Hazard Class	3	IMDG Hazard Class Sub Class	3 3		
UN / NA Number	UN 1263				
DOT Packing Group	111	IMDG Packing Group	III		
CERCLA/DOT RQ	712 gal. / 7530 lbs.	System Reference Code	2		
14.4. Packing group	Ш				
14.5. Environmental hazards					
IMDG Marine Pollu	tant: Yes (Bisphenol A – Epic	hlorohydrin)			
14.6. Special precautions for					
Not Applicat 14.7. Transport in bulk accord Not Applicat	ding to Annex II of MARPOL73	/78 and the IBC Code			
	15. Regulatory inf	ormation			
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 liste on the TSCA (Toxic Substance Control Act) Inventory or are not required to listed on the TSCA Inventory.					

WHMIS Classification **B3 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) 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 Cumene Benzene, ethyl-**Butanol** Xylenes (o-, m-, p- isomers) Mass RTK Substances (>1%) : 1,2,4-Trimethyl benzene Methyl n-amyl ketone Talc Titanium dioxide 1,3,5-Trimethylbenzene Xylenes (o-, m-, p- isomers) Penn RTK Substances (>1%) : 1,2,4-Trimethyl benzene Methyl n-amyl ketone Talc Titanium dioxide Xylenes (o-, m-, p- isomers) Penn Special Hazardous Substances (>.01%) : (No Product Ingredients Listed) **RCRA Status:** (No Product Ingredients Listed) N.J. RTK Substances (>1%) : 1,2,4-Trimethyl benzene Methyl n-amyl ketone Talc Titanium dioxide Xylenes (o-, m-, p- isomers) N.J. Special Hazardous Substances (>.01%) : 2-Butoxyethanol Carbon black Cumene Benzene, ethyl-Isobutyl alcohol **Butanol** Quartz Resin acids and Rosin acids, calcium salts Talc Xylenes (o-, m-, p- isomers) N.J. Env. Hazardous Substances (>.1%) : 1,2,4-Trimethyl benzene Cumene Benzene, ethyl-**Butanol**

Xylenes (o-, m-, p- isomers) Proposition 65 - Carcinogens (>0%): Carbon black Cumene Benzene, ethyl-Quartz Titanium dioxide 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-

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:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

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.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

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

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