

Safety Data Sheet  
INTERPRIME 539 YELLOW



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

Sales  
Order: {SalesOrd}  
VTA538  
10/21/2014  
A4-2

1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERPRIME 539 YELLOW  
Bulk Sales Reference No. VTA538

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

Flam. Liq. 3;H226 Flammable liquid and vapor.  
Skin Irrit. 2;H315 Causes skin irritation.  
Eye Irrit. 2;H319 Causes serious eye irritation.  
Skin Sens. 1;H317 May cause an allergic skin reaction.  
Repr. 1B;H360D May damage the unborn child.  
STOT SE 3;H336 May cause drowsiness or dizziness.  
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.

H226 Flammable liquid and vapor.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

H360 May damage fertility or the unborn child.

H411 Toxic to aquatic life with long lasting effects.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

P308+313 IF exposed or concerned: Get medical advice/attention.

P331 Do NOT induce vomiting.

P333 If skin irritation or a rash occurs:.

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: Use water spray, fog, or regular foam..

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: 2\*

Flammability: 3

Reactivity: 0

3. Composition/information on ingredients
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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
Propylene glycol monomethyl ether CAS Number: 0000107-98-2	25 - 50	Flam. Liq. 3;H226 STOT SE 3;H336	[1][2]
Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Asp. Tox. 1;H304	[1][2]
Vinyl acetal polymers, butyrals CAS Number: 0063148-65-2	1.0 - 10	----	[1]
Titanium dioxide CAS Number: 0013463-67-7	1.0 - 10	----	[1][2]
Petroleum naphtha CAS Number: 0064742-95-6	1.0 - 10	Asp. Tox. 1;H304 Aquatic Chronic 2;H411 (Self Classification)	[1]
Talc (*non-asbestiform) CAS Number: 14807-96-6*	1.0 - 10	----	[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	[1]

		STOT SE 3;H335 Skin Irrit. 2;H315 Aquatic Chronic 2;H411	
Polymer of epoxy resin and bisphenol A CAS Number: 0025036-25-3	1.0 - 10	Eye Irrit. 2;H319 Skin Irrit. 2;H315, Skin Sens. 1;H317	[1]
Benzene, ethyl- CAS Number: 0000100-41-4	1.0 - 10	Flam. Liq. 2;H225 Acute Tox. 4;H332 Asp. Tox. 1;H304 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE 3;H335 STOT RE 2;H373	[1][2]
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]
Calcium hydroxide CAS Number: 0001305-62-0	1.0 - 10	----	[1][2]
Silica, amorphous CAS Number: 0007631-86-9	1.0 - 10	----	[1][2]
2-Methoxy-1-propanol CAS Number: 0001589-47-5	0.10 - 1.0	Flam. Liq. 3;H226 Repr. 1B;H360D STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318	[1]
Molybdenum trioxide CAS Number: 0001313-27-5	0.10 - 1.0	Carc. 2;H351 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Zinc oxide CAS Number: 0001314-13-2	0.10 - 1.0	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Trizinc diphosphate CAS Number: 0007779-90-0	0.10 - 1.0	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]
Glycidoxypropyltrimethoxysilane CAS Number: 0002530-83-8	0.10 - 1.0	Eye Dam. 1;H318	[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	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. This product may contain
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	trace amounts of Benzene. The IARC monographs (vol.29) state that there is sufficient evidence for the carcinogenicity in humans and limited evidence for the carcinogenicity in animals. Benzene is also listed in the NTP Annual Report on Carcinogens and in the OSHA Subpart Z table (Specifically Regulated Substances).
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	Birth defect hazard. Contains an ingredient which can cause birth defects (See Section 2 and Section 15 for each ingredient). 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, CO<sub>2</sub>, 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.

ERG Guide No. 128

### 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 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).

Do not get in eyes, on skin or clothing.

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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.

<b>8. Exposure controls and personal protection</b>
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### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	
		ACGIH	
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000100-41-4	Benzene, ethyl-	OSHA	100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
		ACGIH	20 ppm TWA
		NIOSH	100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL 800 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT 125 ppm STEL [LMPE-CT]; 545 mg/m3 STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
0000107-98-2	Propylene glycol monomethyl ether	OSHA	150 ppm STEL; 540 mg/m3 STEL
		ACGIH	50 ppm TWA 100 ppm STEL
		NIOSH	100 ppm TWA; 360 mg/m3 TWA 150 ppm STEL; 540 mg/m3 STEL
		Supplier	
		OHSA, CAN	100 ppm TWA 150 ppm STEL
		Mexico	
		Brazil	
0000108-67-8	1,3,5-Trimethylbenzene	OSHA	
		ACGIH	
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0001305-62-0	Calcium hydroxide	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	5 mg/m3 TWA
		NIOSH	5 mg/m3 TWA
		Supplier	
		OHSA, CAN	5 mg/m3 TWA
		Mexico	5 mg/m3 TWA LMPE-PPT

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0001313-27-5	Molybdenum trioxide	Brazil	
		OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0001314-13-2	Zinc oxide	OSHA	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume)
		ACGIH	2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction)
		NIOSH	5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH
		Supplier	
		OHSA, CAN	2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable)
		Mexico	5 mg/m3 TWA LMPE-PPT (fume); 10 mg/m3 TWA LMPE-PPT (dust)10 mg/m3 STEL [LMPE-CT] (fume)
		Brazil	
		0001330-20-7	Xylenes (o-, m-, p- isomers)
ACGIH	100 ppm TWA150 ppm STEL		
NIOSH			
Supplier			
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		
0001589-47-5	2-Methoxy-1-propanol		
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
		0002530-83-8	Glycidoxypropyltrimethoxysilane
ACGIH			
NIOSH			
Supplier			
OHSA, CAN			
Mexico			
Brazil			
0007631-86-9	Silica, amorphous		
		ACGIH	
		NIOSH	6 mg/m3 TWA3000 mg/m3 IDLH
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
		0007779-90-0	Trizinc diphosphate

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		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0013463-67-7	Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	
		OHSA, CAN	10 mg/m3 TWA
		Mexico	10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti)
		Brazil	
0025036-25-3	Polymer of epoxy resin and bisphenol A	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0063148-65-2	Vinyl acetal polymers, butyrals	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0064742-95-6	Petroleum naphtha	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
14807-96-6*	Talc (*non-asbestiform)	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	

Health Data

CAS No.	Ingredient	Source	Value
0000095-63-6	1,2,4-Trimethyl benzene	NIOSH	
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000107-98-2	Propylene glycol monomethyl ether	NIOSH	Eye nose
0000108-67-8	1,3,5-Trimethylbenzene	NIOSH	
0001305-62-0	Calcium hydroxide	NIOSH	Caustic irritation of all exposed body surfaces and the respiratory tract
0001313-27-5	Molybdenum trioxide	NIOSH	

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0001314-13-2	Zinc oxide	NIOSH	Metal fume fever
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0001589-47-5	2-Methoxy-1-propanol	NIOSH	
0002530-83-8	Glycidoxypropyltrimethoxysilane	NIOSH	
0007631-86-9	Silica, amorphous	NIOSH	
0007779-90-0	Trizinc diphosphate	NIOSH	
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0025036-25-3	Polymer of epoxy resin and bisphenol A	NIOSH	
0063148-65-2	Vinyl acetal polymers, butyrals	NIOSH	
0064742-95-6	Petroleum naphtha	NIOSH	
14807-96-6*	Talc (*non-asbestiform)	NIOSH	

Carcinogen Data

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;
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;
0000107-98-2	Propylene glycol monomethyl ether	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;
0001305-62-0	Calcium 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;
0001313-27-5	Molybdenum trioxide	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;
0001314-13-2	Zinc oxide	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;
0001589-47-5	2-Methoxy-1-propanol	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;
0002530-83-8	Glycidoxypropyltrimethoxysilane	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;



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0007779-90-0	Trizinc diphosphate	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;
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;
0063148-65-2	Vinyl acetal polymers, butyrals	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;
14807-96-6*	Talc (*non-asbestiform)	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	117 (°C) 243 (°F)
Flash Point	28 (°C) 82 (°F)

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Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	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	1.05
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.

### 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	Inhalation Dust/Mist LD50, mg/L/4hr
Propylene glycol monomethyl ether - (107-98-2)	5,000.00, Rat - Category: 5	13,000.00, Rabbit - Category: NA	No data available	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	No data available
Vinyl acetal polymers, butyrals - (63148-65-2)	No data available	No data available	No data available	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
Petroleum naphtha - (64742-95-6)	6,800.00, Rat - Category: NA	3,400.00, Rabbit - Category: 5	No data available	No data available

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Talc (*non-asbestiform) - (14807-96-6*)	No data available	No data available	No data available	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	No data available
Polymer of epoxy resin and bisphenol A - (25036-25-3)	No data available	No data available	No data available	No data available
Benzene, ethyl- - (100-41-4)	3,500.00, Rat - Category: 5	15,433.00, Rabbit - Category: NA	17.20, Rat - Category: 4	No data available
1,3,5-Trimethylbenzene - (108-67-8)	No data available	No data available	24.00, Rat - Category: NA	No data available
Calcium hydroxide - (1305-62-0)	7,340.00, Rat - Category: NA	No data available	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
2-Methoxy-1-propanol - (1589-47-5)	No data available	No data available	No data available	No data available
Molybdenum trioxide - (1313-27-5)	2,689.00, Rat - Category: 5	No data available	No data available	No data available
Zinc oxide - (1314-13-2)	5,000.00, Rat - Category: 5	No data available	No data available	2.50, Mouse - Category: 4
Trizinc diphosphate - (7779-90-0)	5,000.00, Rat - Category: 5	No data available	No data available	No data available
Glycidoxypropyltrimethoxysilane - (2530-83-8)	8,030.00, Rat - Category: NA	4,248.00, Rabbit - Category: 5	No data available	5.30, Rat - Category: NA

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	1B	May damage the unborn child.
Specific target organ systemic toxicity (single exposure)	3	May cause drowsiness or dizziness.
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
Propylene glycol monomethyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Xylenes (o-, m-, p- isomers) - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales

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Vinyl acetal polymers, butyrals - (63148-65-2)	Not Available	Not Available	0.00 ( hr),
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Petroleum naphtha - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Talc (*non-asbestiform) - (14807-96-6*)	Not Available	Not Available	0.00 ( hr),
1,2,4-Trimethyl benzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	Not Available
Polymer of epoxy resin and bisphenol A - (25036-25-3)	Not Available	Not Available	Not Available
Benzene, ethyl- - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
1,3,5-Trimethylbenzene - (108-67-8)	12.52, Carassius auratus	6.00, Daphnia magna	25.00 (48 hr), Scenedesmus subspicatus
Calcium hydroxide - (1305-62-0)	Not Available	Not Available	0.00 ( hr),
Silica, amorphous - (7631-86-9)	10,000.00, Danio rerio	10,000.00, Daphnia magna	10,000.00 (72 hr), Scenedesmus subspicatus
2-Methoxy-1-propanol - (1589-47-5)	Not Available	Not Available	Not Available
Molybdenum trioxide - (1313-27-5)	Not Available	Not Available	0.00 ( hr),
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus mykiss	0.098, Daphnia magna	0.042 (72 hr), Pseudokirchneriella subcapitata
Trizinc diphosphate - (7779-90-0)	0.09, Oncorhynchus mykiss	0.04, Daphnia magna	0.136 (72 hr), Selenastrum capricornutum
Glycidoxypropyltrimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus

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

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)  
DOT Proper Shipping Name PAINT

IMO / IMDG (Ocean Transportation)  
IMDG Proper Shipping Name PAINT

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DOT Hazard Class	3	IMDG Hazard Class	3
		Sub Class	3
UN / NA Number	UN 1263		
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	109 gal. / 955 lbs.	System Reference Code	2

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: Yes ( Titanium dioxide )

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** B2 D2A

**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)  
Phosphoric acid (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-  
Molybdenum trioxide  
Xylenes (o-, m-, p- isomers)

**Mass RTK Substances (>1%) :**

1,2,4-Trimethyl benzene  
Calcium hydroxide  
Benzene, ethyl-  
Propylene glycol monomethyl ether  
Silica, amorphous  
Titanium dioxide  
1,3,5-Trimethylbenzene  
Xylenes (o-, m-, p- isomers)

**Penn RTK Substances (>1%) :**

1,2,4-Trimethyl benzene  
Calcium hydroxide  
Benzene, ethyl-  
Propylene glycol monomethyl ether  
Silica, amorphous  
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  
Calcium hydroxide  
Benzene, ethyl-  
Propylene glycol monomethyl ether  
Silica, amorphous  
Titanium dioxide  
Xylenes (o-, m-, p- isomers)

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

Cumene  
Benzene, ethyl-  
Phosphoric acid  
Propylene glycol monomethyl ether  
Xylenes (o-, m-, p- isomers)

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

1,2,4-Trimethyl benzene  
Cumene  
Benzene, ethyl-  
Molybdenum trioxide  
Xylenes (o-, m-, p- isomers)

Proposition 65 - Carcinogens (>0%):

Benzene  
Cumene  
Benzene, ethyl-  
Nickel  
Titanium dioxide

Proposition 65 - Female Repro Toxins (>0%):  
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0%):

Benzene

Proposition 65 - Developmental Toxins (>0%):

Benzene

16. Other information
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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.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
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.

H351 Suspected of causing cancer.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause 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.

The following sections have changed since the previous revision.

End of Document