# Safety Data Sheet DEVCHEM 253 HS GREEN PT A

Sales

Order: {SalesOrd}

Bulk Sales Reference No.: DC253F5750 SDS Revision Date: 11/04/2015 SDS Revision Number: A2-2



### 1. Identification of the preparation and company

1.1. Product identifier

Product Identity DEVCHEM 253 HS GREEN PT A

Bulk Sales Reference No. DC253F5750

1.2. Relevant identified uses of the substance or mixture and uses advised against
 Intended Use
 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. Acute Tox. 5;H303 May be harmful if swallowed.

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.

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.







Warning.

H226 Flammable liquid and vapor.

H303 May be harmful if swallowed.

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.

P312 Call a POISON CENTER or doctor / physician if you feel unwell.

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

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: 1

### 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
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER CAS Number: 0028064-14-4	25 - 50	Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Chronic 2;H411	[1]
Barium sulfate CAS Number: 0007727-43-7	25 - 50		[1][2]
Titanium dioxide CAS Number: 0013463-67-7	10 - 25		[1][2]
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]
Wollastonite (Ca(SiO3)) CAS Number: 0013983-17-0	1.0 - 10		[1]
Talc CAS Number: 0014807-96-6	1.0 - 10		[1][2]
Reaction of epichlorohydrin and bisphenol A CAS Number: Proprietary	1.0 - 10	Skin Irrit. 3;H316 Eye Irrit. 2;H319	[1]
Silica, amorphous CAS Number: 0007631-86-9	1.0 - 10		[1][2]
Kaolin CAS Number: 0001332-58-7	1.0 - 10		[1][2]
Aluminum hydroxide CAS Number: 0021645-51-2	1.0 - 10	Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Glycidoxypropyltrimethoxysilane CAS Number: 0002530-83-8		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.

#### 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.

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

rowsiness.

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.

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

<sup>\*</sup>The full texts of the phrases are shown in Section 16.

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

### Exposure

CAS No.	Ingredient	Source	Value
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	
		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	
0001332-58-7	Kaolin	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	2 mg/m3 TWA (particulate matter containing no asbestos and
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	10 mg/m3 TWA LMPE-PPT20 mg/m3 STEL [LMPE-CT]
		Brazil	
0002530-83-8	Glycidoxypropyltrimethoxysilane	OSHA	
		ACGIH	
		NIOSH	
		Supplier	

OHSA,   CAN   Mexico   Brazil	ı	I		<u></u>
Mexico   Shazii				
OSHA   ACGIH				
ACGIH     NIOSH   6 mg/m3 TWA3000 mg/m3 IDLH     NIOSH   5 mg/m3 TWA3000 mg/m3 IDLH     NIOSH   5 mg/m3 TWA ((total dust); 5 mg/m3 TWA ((respirable fraction))     ACGIH   10 mg/m3 TWA ((total dust); 5 mg/m3 TWA ((respirable dust))     Supplier   OHSA, CAN     Mexico   Brazil     O013463-67-7   Titanium dioxide   OSHA   15 mg/m3 TWA ((total dust))     ACGIH   10 mg/m3 TWA ((total dust))     ACGIH   2 mg/m3 TWA ((total d	0007004 00 0	O.I.		
NIOSH   Supplier	000/631-86-9	Silica, amorphous		
Supplier				
OH-SA,   CAN   Mexico   Brazil   15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)   ACGIH   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)   ACGIH   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)   Supplier   OH-SA,   CAN   Mexico   Brazil   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)   ACGIH   10 mg/m3 TWA (total dust)   ACGIH				6 mg/m3 TWA3000 mg/m3 IDLH
CAN   Mexico			Supplier	
Mexico   Brazil				
Brazil				
DOI 1727-43-7   Barium sulfate			Mexico	
(respirable fraction)			Brazil	
NIOSH   10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	0007727-43-7	Barium sulfate	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
(respirable dust)			ACGIH	10 mg/m3 TWA
(respirable dust)			NIOSH	
OHSA,   CAN   Mexico   Brazil   Smg/m3 TWA (total dust)   South   Supplier   OHSA,   CAN   Mexico   Brazil   South   Supplier   OHSA,   CAN   Mexico   Brazil   OU14807-96-6   Talc   Supplier   OHSA,   CAN   Mexico   Brazil   OU14807-96-6   Talc   OSHA   ACGIH   ACGIH   2 mg/m3 TWA (containing no Asbestos and   Supplier   OHSA,   CAN   Mexico   Brazil   OU14807-96-6   Talc   OSHA   ACGIH   2 mg/m3 TWA (containing no Asbestos and   Supplier   OHSA,   CAN   Mexico   Brazil   OU14807-96-6   OHSA,   CAN   OHSA,   CAN   Mexico   OHSA,   CAN   OHSA,   OHSA,   OHSA,   OHSA,   OHSA,   OHSA,   OHSA,   OHSA,   OHSA,				(respirable dust)
CAN   Mexico				
Brazil				10 mg/m3 TWA
OSHA	1		Mexico	
ACGIH   10 mg/m3 TWA   NIOSH   5000 mg/m3 IDLH   5000 mg/m3 IDLH   5000 mg/m3 IDLH   5000 mg/m3 IDLH   5000 mg/m3 TWA   10 m			Brazil	
ACGIH   10 mg/m3 TWA   10 mg/m3 IDLH   5000 mg/m3 TWA   10 mg/m3 STEL   10 mg/m3 TWA   10 mg/m3 TWA   10 mg/m3 STEL   10 mg/m3 TWA   10 mg/m3 TWA   10 mg/m3 TWA   10 mg/m3 STEL   10 mg/m3 TWA   10 mg/m3 TWA   10 mg/m3 STEL   10 mg/m3 TWA   10 mg/m	0013463-67-7	Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
NIOSH   Supplier   OHSA, CAN   Mexico   Brazil				
Supplier				_
OHSA, CAN				0000 mg/mc 12211
Mexico   10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL			OHSA,	10 mg/m3 TWA
[LMPE-CT] (as Ti)				
Mollastonite (Ca(SiO3))			Mexico	
ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   2 mg/m3 TWA (particulate matter containing no asbestos and   NIOSH   2 mg/m3 TWA (containing no Asbestos and Supplier   OHSA, CAN   Mexico   2 mg/m3 TWA (containing no Asbestos and CAN   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   OSHA			Brazil	
NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   CAN   CAN   OSHA   CAN   OSHA   CAN   OSHA   CAN   OSHA   CAN   OSHA	0013983-17-0	Wollastonite (Ca(SiO3))	OSHA	
NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   CAN   CAN   OSHA   CAN   OSHA   CAN   OSHA   CAN   OSHA   CAN   OSHA			ACGIH	
OHSA, CAN   Mexico   Brazil     OSHA   ACGIH   2 mg/m3 TWA (particulate matter containing no asbestos and   NIOSH   2 mg/m3 TWA (containing no asbestos and   Supplier   OHSA, CAN   Mexico   2 mg/m3 TWA (containing no Asbestos and   CAN   CAN   Mexico   2 mg/m3 TWA LMPE-PPT (respirable fraction)   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   O			NIOSH	
OHSA, CAN   Mexico   Brazil     OSHA   ACGIH   2 mg/m3 TWA (particulate matter containing no asbestos and   NIOSH   2 mg/m3 TWA (containing no asbestos and   Supplier   OHSA, CAN   Mexico   2 mg/m3 TWA (containing no Asbestos and   CAN   CAN   Mexico   2 mg/m3 TWA LMPE-PPT (respirable fraction)   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   NIOSH   Supplier   OHSA, CAN   Mexico   Brazil   OSHA   ACGIH   O			Supplier	
CAN Mexico Brazil  0014807-96-6 Talc  OSHA ACGIH 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier OHSA, CAN Mexico Brazil  0021645-51-2 Aluminum hydroxide  OSHA ACGIH NIOSH Supplier OHSA, CAN ACGIH NIOSH Supplier OHSA, CAN ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  OSHA ACGIH  OSHA ACGIH				
Brazil  0014807-96-6 Talc  OSHA  ACGIH 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier  OHSA, CAN  Mexico Brazil  0021645-51-2 Aluminum hydroxide  OSHA ACGIH NIOSH Supplier  OHSA, CAN  ACGIH NIOSH Supplier  OHSA, CAN  ACGIH NIOSH Supplier  OHSA, CAN  Rexico Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  Brazil  OSHA ACGIH  OSHA ACGIH  OSHA ACGIH  OSHA ACGIH  OSHA ACGIH  OSHA ACGIH				
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OSHA ACGIH 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier OHSA, CAN Mexico Brazil  OSHA ACGIH NIOSH ACGIH NIOSH Supplier OHSA, CAN ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  ACGIH  ACGIH				
ACGIH 2 mg/m3 TWA (particulate matter containing no asbestos and NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier OHSA, CAN Mexico 2 mg/m3 TWA (containing no Asbestos and CAN Mexico 2 mg/m3 TWA LMPE-PPT (respirable fraction) Brazil O021645-51-2 Aluminum hydroxide OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil Proprietary Reaction of epichlorohydrin and bisphenol A ACGIH ACGIH ACGIH ACGIH	0014807-96-6	Talc		
asbestos and  NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier  OHSA, CAN  Mexico 2 mg/m3 TWA LMPE-PPT (respirable fraction)  Brazil  0021645-51-2 Aluminum hydroxide  OSHA  ACGIH  NIOSH  Supplier  OHSA, CAN  Mexico  Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  ACGIH  NOSH  SUPPLIANCE  OSHA  ACGIH  NOSH  SUPPLIANCE  OSHA  ACGIH  OSHA  ACGIH  OSHA  ACGIH	0014007 00 0			2 mg/m3 TWA (particulate matter containing no
NIOSH 2 mg/m3 TWA (containing no Asbestos and Supplier OHSA, CAN Mexico 2 mg/m3 TWA LMPE-PPT (respirable fraction)  Brazil OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  NIOSH Supplier OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  OSHA ACGIH			,	asbestos and
Supplier OHSA, CAN Mexico 2 mg/m3 TWA (containing no Asbestos and CAN Mexico Brazil  0021645-51-2 Aluminum hydroxide OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  Supplier OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil	1		NIOSH	
OHSA, CAN  Mexico 2 mg/m3 TWA (containing no Asbestos and CAN  Mexico 2 mg/m3 TWA LMPE-PPT (respirable fraction)  Brazil  0021645-51-2 Aluminum hydroxide  OSHA  ACGIH  NIOSH  Supplier  OHSA, CAN  Mexico  Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  OHSA, CAIH  ACGIH				
Mexico   2 mg/m3 TWA LMPE-PPT (respirable fraction)			OHSA,	2 mg/m3 TWA (containing no Asbestos and
Brazil	1			2 mg/m3 TWA I MPF-PPT (respirable fraction)
O021645-51-2 Aluminum hydroxide  OSHA ACGIH NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  OSHA ACGIH ACGIH ACGIH ACGIH ACGIH	1			E marino 1447 Emi E 11 1 (163pilable flactioff)
ACGIH  NIOSH  Supplier  OHSA, CAN  Mexico  Brazil  Proprietary  Reaction of epichlorohydrin and bisphenol A  ACGIH	0021645 51 0	Aluminum hydrovido		
NIOSH Supplier OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  NIOSH Supplier OHSA, CAN Mexico Brazil	0021045-51-2			
Supplier OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  Supplier OHSA, CAN Mexico Brazil ACGIH				
OHSA, CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  ACGIH	1			
CAN Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  ACGIH				
Mexico Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  ACGIH	1			
Brazil  Proprietary Reaction of epichlorohydrin and bisphenol A  Brazil  OSHA  ACGIH				
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NIOSH	1	DISPITERIOI A		
	1		NIOSH	

	Supplier	
	OHSA, CAN	
	Mexico	
	Brazil	
_ , -	OSHA	
	ACGIH	
ETHER	NIOSH	
	Supplier	
	OHSA, CAN	
	Mexico	
	Brazil	

### Health Data

CAS No.	Ingredient	Source	Value
0000110-43-0	Methyl n-amyl ketone	NIOSH	Irritation; liver kidney
0001332-58-7	Kaolin		Skin and mucous membrane injury respiratory effects
0002530-83-8	Glycidoxypropyltrimethoxysilane	NIOSH	
0007631-86-9	Silica, amorphous	NIOSH	
0007727-43-7	Barium sulfate	NIOSH	Eye nose
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0021645-51-2	Aluminum hydroxide	NIOSH	
Proprietary	Reaction of epichlorohydrin and bisphenol A	NIOSH	
	PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	NIOSH	

## Carcinogen Data

CAS No.	Ingredient	Source	Value
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;
0001332-58-7	Kaolin	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;
0007727-43-7	Barium sulfate	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;

			1
0013983-17-0	Wollastonite (Ca(SiO3))	OSHA	Select Carcinogen: No
			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;
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;
Proprietary	Reaction of epichlorohydrin and	OSHA	Select Carcinogen: No
	bisphenol A	NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0028064-14-4	PHENOL, POLYMER WITH	OSHA	Select Carcinogen: No
	FORMALDEHYDE, GLYCIDYL	NTP	Known: No; Suspected: No
	ETHER		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
Other Work Practices

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

Coloured Liquid **Appearance** Odour threshold Not Measured Hq No Established Limit Melting point / freezing point Not Measured Initial boiling point and boiling range 138 (°C) 281 (°F) Flash Point 38 (°C) 100 (°F) 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 1.82

Solubility in Water Not Measured
Partition coefficient n-octanol/water (Log
Not Measured

Kow)

Auto-ignition temperature

Decomposition temperature

Not Measured

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
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER - (28064-14-4)	2,000.00, Rat - Category: 4	No data available	No data available	No data available
Barium sulfate - (7727-43-7)	3,000.00, Mouse - Category: 5	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
Methyl n-amyl ketone - (110-43-0)	1,670.00, Rat - Category: 4	12,600.00, Rabbit - Category: NA	No data available	No data available
Wollastonite (Ca(SiO3)) - (13983-17-0)	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

Reaction of epichlorohydrin and bisphenol A - (Proprietary)	No data available	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
Kaolin - (1332-58-7)	No data available	No data available	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
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)	5	May be harmful if swallowed.
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
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER - (28064-14-4)	9.00, Oncorhynchus mykiss	9.00, Daphnia magna	Not Available
Barium sulfate - (7727-43-7)	59,000.00, Poecilia sphenops	32.00, Daphnia magna	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Methyl n-amyl ketone - (110-43-0)	131.00, Pimephales promelas	Not Available	Not Available
Wollastonite (Ca(SiO3)) - (13983-17-0)	Not Available	Not Available	Not Available
Talc - (14807-96-6)	Not Available	Not Available	Not Available
Reaction of epichlorohydrin and bisphenol A - (Proprietary)	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
Kaolin - (1332-58-7)	Not Available	Not Available	Not Available

Aluminum hydroxide - (21645-51-2)	Not Available	Not Available	Not Available
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 126314.2. UN proper shipping name PAINT

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation) IMO / IMDG (Ocean Transportation)

DOT Proper Shipping PAINT IMDG Proper PAINT

Name Shipping Name

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 1333 gal. / 20197 lbs. System Reference 2

Code

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: Yes ( PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER )

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 B3 D2B

DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

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DOT Severe Marine Pollutants (1%):
      (No Product Ingredients Listed)
EPCRA 311/312 Chemicals and RQs (>.1%):
     Benzene, ethyl- (1000 lb final RQ; 454 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
     Benzene, ethyl-
     Xylenes (o-, m-, p- isomers)
Mass RTK Substances (>1%):
     Barium sulfate
     Kaolin
     Methyl n-amyl ketone
     Silica, amorphous
     Talc
     Titanium dioxide
Penn RTK Substances (>1%):
     Barium sulfate
     Kaolin
     Methyl n-amyl ketone
     Silica, amorphous
     Talc
     Titanium dioxide
Penn Special Hazardous Substances (>.01%):
      (No Product Ingredients Listed)
RCRA Status:
      (No Product Ingredients Listed)
N.J. RTK Substances (>1%):
     Barium sulfate
     Kaolin
     Methyl n-amyl ketone
     Silica, amorphous
     Talc
     Titanium dioxide
N.J. Special Hazardous Substances (>.01%):
     Cumene
     Benzene, ethyl-
     Quartz
     Talc
     Xylenes (o-, m-, p- isomers)
N.J. Env. Hazardous Substances (>.1%):
     1,2,4-Trimethyl benzene
     Benzene, ethyl-
     Xylenes (o-, m-, p- isomers)
Proposition 65 - Carcinogens (>0%):
     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.

H315 Causes skin irritation.

H316 Causes mild 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.

H411 Toxic to aquatic life with long lasting effects.

The following sections have changed since the previous revision.

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients

SECTION 9: Physical and chemical properties

SECTION 11: Toxicological information SECTION 12: Ecological information

SECTION 14: Transport information

**End of Document**