



- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P235 Keep cool.
- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- 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.
- P332+313 If skin irritation occurs: Get medical advice/attention.
- P333 If skin irritation or a rash occurs:.
- P337 If eye irritation persists:.
- 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: 2            Flammability: 3            Reactivity: 0

3. Composition/information on ingredients

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

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Barium sulfate CAS Number: 0007727-43-7	25 - 50	----	[1][2]
Solvent naphtha (petroleum), medium aliphatic CAS Number: 0064742-88-7	10 - 25	Asp. Tox. 1;H304	[1]
Carbon black CAS Number: 0001333-86-4	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]
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]
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 Eye Irrit. 2;H319 STOT SE 3;H335 Asp. Tox. 1;H304	[1][2]
	1.0 - 10		[1]

1,3,5-Trimethylbenzene CAS Number: 0000108-67-8		Flam. Liq. 3;H226 STOT SE 3;H335 Aquatic Chronic 2;H411	
Zinc oxide CAS Number: 0001314-13-2	1.0 - 10	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Octamethylcyclotetrasiloxane CAS Number: 0000556-67-2	1.0 - 10	Repr. 2;H361f Aquatic Chronic 4;H413	[1]
Stoddard solvent CAS Number: 0008052-41-3	1.0 - 10	Asp. Tox. 1;H304	[1][2]
PROPRIETARY FATTY ACID/CARBOXYLIC ACID /AMINE COMPOUND CAS Number: TS-KS6722	1.0 - 10	----	[1]
Methyl ethyl ketoxime CAS Number: 0000096-29-7	0.10 - 1.0	Carc. 2;H351 Acute Tox. 4;H312 Eye Dam. 1;H318 Skin Sens. 1;H317	[1]
Hexanoic acid, 2-ethyl-, cobalt(2+) salt CAS Number: 0000136-52-7	0.10 - 1.0	Acute Tox. 4;H302 Skin Sens. 1;H317 Repr. 2;H361F Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[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.
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 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.

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).

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
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	
		ACGIH	

MJY999\_A0

		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000096-29-7	Methyl ethyl ketoxime	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000108-67-8	1,3,5-Trimethylbenzene	OSHA	
		ACGIH	
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000556-67-2	Octamethylcyclotetrasiloxane	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)	OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	
		Supplier	
		OHSA, CAN	100 ppm TWA150 ppm STEL

MJY999\_A0

		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
0001333-86-4	Carbon black	OSHA	3.5 mg/m3 TWA
		ACGIH	3 mg/m3 TWA (inhalable fraction)
		NIOSH	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as 1750 mg/m3 IDLH
		Supplier	
		OHSA, CAN	3 mg/m3 TWA (inhalable)
		Mexico	3.5 mg/m3 TWA LMPE-PPT7 mg/m3 STEL [LMPE-CT]
		Brazil	
0007727-43-7	Barium sulfate	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	10 mg/m3 TWA
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	
		OHSA, CAN	10 mg/m3 TWA
		Mexico	
		Brazil	
0008052-41-3	Stoddard solvent	OSHA	500 ppm TWA; 2900 mg/m3 TWA
		ACGIH	100 ppm TWA
		NIOSH	350 mg/m3 TWA1800 mg/m3 Ceiling (15 min)20000 mg/m3 IDLH
		Supplier	
		OHSA, CAN	525 mg/m3 TWA (140C Flash aliphatic solvent)
		Mexico	100 ppm TWA LMPE-PPT; 523 mg/m3 TWA LMPE-PPT200 ppm STEL [LMPE-CT]; 1050 mg/m3 STEL [LMPE-CT]
		Brazil	
0064742-88-7	Solvent naphtha (petroleum), medium aliphatic	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0064742-95-6	Petroleum naphtha	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
TS-KS6722	PROPRIETARY FATTY ACID/CABOXYLIC ACID /AMINE COMPOUND	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	

MJY999\_A0

Health Data

CAS No.	Ingredient	Source	Value
0000095-63-6	1,2,4-Trimethyl benzene	NIOSH	
0000096-29-7	Methyl ethyl ketoxime	NIOSH	
0000108-67-8	1,3,5-Trimethylbenzene	NIOSH	
0000136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	NIOSH	
0000556-67-2	Octamethylcyclotetrasiloxane	NIOSH	
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
0001333-86-4	Carbon black	NIOSH	Lung cardiovascular
0007727-43-7	Barium sulfate	NIOSH	Eye nose
0008052-41-3	Stoddard solvent	NIOSH	Eye nose
0064742-88-7	Solvent naphtha (petroleum), medium aliphatic	NIOSH	
0064742-95-6	Petroleum naphtha	NIOSH	
TS-KS6722	PROPRIETARY FATTY ACID/CABOXYLIC ACID /AMINE COMPOUND	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;
0000096-29-7	Methyl ethyl ketoxime	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;
0000136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	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;
0000556-67-2	Octamethylcyclotetrasiloxane	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;
0001333-86-4	Carbon black	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;
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;

MJY999\_A0

0008052-41-3	Stoddard solvent	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;
0064742-88-7	Solvent naphtha (petroleum), medium aliphatic	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;
TS-KS6722	PROPRIETARY FATTY ACID/CABOXYLIC ACID /AMINE COMPOUND	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	118 (°C) 244 (°F)
Flash Point	44 (°C) 112 (°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	1.26



## MJY999\_A0

Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit Not Measured
VOC %	Refer to the Technical Data Sheet or label where information is available.
VOHAP content (gm/litre of paint)	61.55 (as supplied)
VOHAP content (gm/litre of Solid Coating)	40.65 (as supplied)

<b>10. Stability and reactivity</b>
-------------------------------------

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.

<b>11. Toxicological information</b>
--------------------------------------

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
Barium sulfate - (7727-43-7)	3,000.00, Mouse - Category: 5	No data available	No data available	No data available
Solvent naphtha (petroleum), medium aliphatic - (64742-88-7)	6,000.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	No data available	No data available
Carbon black - (1333-86-4)	8,000.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	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	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
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
1,3,5-Trimethylbenzene - (108-67-8)				

MJY999\_A0

	No data available	No data available	24.00, Rat - Category: NA	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
Octamethylcyclotetrasiloxane - (556-67-2)	2,000.00, Rat - Category: 4	4,640.00, Rabbit - Category: 5	36.00, Rat - Category: NA	No data available
Stoddard solvent - (8052-41-3)	No data available	No data available	No data available	No data available
PROPRIETARY FATTY ACID/CARBOXYLIC ACID /AMINE COMPOUND - (TS-KS6722)	No data available	No data available	No data available	No data available
Methyl ethyl ketoxime - (96-29-7)	930.00, Rat - Category: 4	2,000.00, Rabbit - Category: 4	20.00, Rat - Category: 4	No data available
Hexanoic acid, 2-ethyl-, cobalt(2+) salt - (136-52-7)	1,220.00, Rabbit - Category: 4	5,000.00, Rat - Category: 5	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	3	Causes mild 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
Barium sulfate - (7727-43-7)	59,000.00, Poecilia sphenops	32.00, Daphnia magna	Not Available
Solvent naphtha (petroleum), medium aliphatic - (64742-88-7)	800.00, Pimephales promelas	100.00, Daphnia magna	450.00 (96 hr), Selenastrum capricornutum
Carbon black - (1333-86-4)	1,000.00, Danio rerio	5,600.00, Daphnia magna	10,000.00 (72 hr), Scenedesmus subspicatus
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
Xylenes (o-, m-, p- isomers) - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales

MJY999\_A0

1,3,5-Trimethylbenzene - (108-67-8)	12.52, Carassius auratus	6.00, Daphnia magna	25.00 (48 hr), Scenedesmus subspicatus
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus mykiss	0.098, Daphnia magna	0.042 (72 hr), Pseudokirchneriella subcapitata
Octamethylcyclotetrasiloxane - (556-67-2)	200.00, Leuciscus idus	25.20, Daphnia magna	Not Available
Stoddard solvent - (8052-41-3)	Not Available	Not Available	Not Available
PROPRIETARY FATTY ACID/CARBOXYLIC ACID /AMINE COMPOUND - (TS-KS6722)	Not Available	Not Available	0.00 ( hr),
Methyl ethyl ketoxime - (96-29-7)	320.00, Leuciscus idus	500.00, Daphnia magna	83.00 (72 hr), Scenedesmus subspicatus
Hexanoic acid, 2-ethyl-, cobalt(2+) salt - (136-52-7)	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 name PAINT

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

DOT Proper Shipping Name PAINT  
 DOT Hazard Class 3 - Flammable and Combustible liquid

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping Name PAINT  
 IMDG Hazard Class Sub Class 3 - Flammable and Combustible liquid  
 3 - Flammable and Combustible liquid

UN / NA Number UN 1263  
 DOT Packing Group III  
 CERCLA/DOT RQ 367 gal. / 3843 lbs.

IMDG Packing Group III  
 System Reference Code 1

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: No ( Petroleum naphtha )

## 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)

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)

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-

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

Mass RTK Substances (>1%) :

1,2,4-Trimethyl benzene

Barium sulfate

Carbon black

Stoddard solvent

1,3,5-Trimethylbenzene

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

Zinc oxide

Penn RTK Substances (>1%) :

1,2,4-Trimethyl benzene

Barium sulfate

Carbon black

Stoddard solvent

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

Zinc oxide

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

Barium sulfate

Carbon black

Solvent naphtha (petroleum), medium aliphatic

Stoddard solvent

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

Zinc oxide

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

2-Butoxyethanol

Carbon black

Cumene

Benzene, ethyl-  
Butanol  
Propylene glycol monomethyl ether  
Quartz  
Solvent naphtha (petroleum), medium aliphatic  
Xylenes (o-, m-, p- isomers)  
N.J. Env. Hazardous Substances (>.1%) :  
1,2,4-Trimethyl benzene  
Cumene  
Benzene, ethyl-  
Xylenes (o-, m-, p- isomers)  
Proposition 65 - Carcinogens (>0%):  
Carbon black  
Cumene  
Benzene, ethyl-  
Quartz  
Proposition 65 - Female Repro Toxins (>0%):  
(No Product Ingredients Listed)  
Proposition 65 - Male Repro Toxins (>0%):  
(No Product Ingredients Listed)  
Proposition 65 - Developmental Toxins (>0%):  
(No Product Ingredients Listed)

16. Other information
-----------------------

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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

- H226 Flammable liquid and vapor.
- H302 Harmful if swallowed.
- 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.
- H361F Suspected of damaging fertility.
- 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.
- H413 May cause long lasting harmful effects to aquatic life.

The following sections have changed since the previous revision.

- SECTION 2: Hazards identification
- SECTION 4: First aid measures
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 14: Transport information

End of Document