

QHA510_A0

Safety Data Sheet INTERZINC 22HS REDDISH GREY PART A



Bulk Sales Reference No.: QHA510
SDS Revision Date: 02/07/2019
SDS Revision Number: A0-4

1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERZINC 22HS REDDISH GREY PART A
Bulk Sales Reference No. QHA510

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

Intended Use See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
Manufacturer:
Akzo Nobel Coatings
International Paint
6001 Antoine Drive
Houston, Texas 77091

Emergency

CHEMTREC (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. 2;H225 Highly Flammable liquid and vapor.
Skin Irrit. 3;H316 Causes mild skin irritation.
Carc. 1A;H350 May cause cancer.
Repr. 1B;H360D May damage the unborn child.
Aquatic Acute 2;H401 Toxic to aquatic life.

2.2. Label elements

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



Danger.

H225 Highly flammable liquid and vapor.
H316 Causes mild skin irritation.
H350 May cause cancer.
H360 May damage fertility or the unborn child.
H401 Toxic to aquatic life.

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.
 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.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P308+313 IF exposed or concerned: Get medical advice/attention.
 P332+313 If skin irritation occurs: Get medical advice/attention.
 P370 In case of fire: Use water spray, fog, or regular foam..
 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

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
Ethanol CAS Number: 0000064-17-5	25 - 50	Flam. Liq. 2;H225 Eye Irrit. 2;H319 (@ > 50%)	[1][2]
Ethyl polysilicate CAS Number: 0011099-06-2	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 STOT SE 3;H335	[1]
MICA CAS Number: 0012001-26-2	10 - 25	Not Classified	[1][2]
Dipropylene glycol methyl ether CAS Number: 0034590-94-8	1.0 - 10	Not Classified	[1][2]
Aluminium silicate CAS Number: 0066402-68-4	1.0 - 10	Not Classified	[1]
Amorphous Silica CAS Number: 0007631-86-9	1.0 - 10	Not Classified	[1][2]
Kaolin CAS Number: 0001332-58-7	1.0 - 10	Not Classified	[1][2]
Methyl Amyl Ketone CAS Number: 0000110-43-0	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H302	[1][2]
Iron oxide CAS Number: 0001309-37-1	1.0 - 10	Not Classified	[1][2]
2-Butoxy-ethanol CAS Number: 0000111-76-2	1.0 - 10	Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315	[1][2]
Crystalline Silica - Quartz CAS Number: 0014808-60-7	0.10 - 1.0	Acute Tox. 4;H332 STOT RE 2;H373 Carc. 1A;H350	[1][2]
1-methyl-2-pyrrolidone CAS Number: 0000872-50-4	0.10 - 1.0	Repr. 1B;H360D Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315: C à ¥ 10 %	[1]

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

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

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

4. First aid measures

4.1. Description of first aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important 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

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

No data available

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).

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7. Handling and storage

7.1. Precautions for safe handling

Handling

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.

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.

No data available

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
0000064-17-5	Ethanol	OSHA	1000 ppm TWA; 1900 mg/m3 TWA
		ACGIH	1000 ppm STEL
		NIOSH	1000 ppm TWA; 1900 mg/m3 TWA3300 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	1000 ppm STEL
		Mexico	1000 ppm STEL [PPT-CT]
		Brazil	780 ppm TWA LT; 1480 mg/m3 TWA LT
0000110-43-0	Methyl Amyl Ketone	OSHA	100 ppm TWA; 465 mg/m3 TWA
		ACGIH	50 ppm TWA
		NIOSH	100 ppm TWA; 465 mg/m3 TWA800 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	25 ppm TWA; 115 mg/m3 TWA
		Mexico	50 ppm TWA VLE-PPT
		Brazil	No Established Limit
0000111-76-2	2-Butoxy-ethanol	OSHA	50 ppm TWA; 240 mg/m3 TWA
		ACGIH	20 ppm TWA
		NIOSH	5 ppm TWA; 24 mg/m3 TWA700 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	20 ppm TWA VLE-PPT
		Brazil	39 ppm TWA LT; 190 mg/m3 TWA LT
0000872-50-4	1-methyl-2-pyrrolidone	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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		Supplier	No Established Limit
		OHSA, CAN	400 mg/m3 TWA
		Mexico	No Established Limit
		Brazil	No Established Limit
0001309-37-1	Iron oxide	OSHA	10 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust, listed under Rouge); 5 mg/m3 TWA (respirable fra
		ACGIH	5 mg/m3 TWA (respirable particulate matter)
		NIOSH	5 mg/m3 TWA (dust and fume, as Fe)2500 mg/m3 IDLH (dust and fume, as Fe)
		Supplier	No Established Limit
		OHSA, CAN	5 mg/m3 TWA (respirable)
		Mexico	5 mg/m3 TWA VLE-PPT (respirable fraction)
		Brazil	No Established Limit
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	No Established Limit
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	2 mg/m3 TWA VLE-PPT (particulate matter containing no asbestos and
		Brazil	No Established Limit
0007631-86-9	Amorphous Silica	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	6 mg/m3 TWA3000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0011099-06-2	Ethyl polysilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0012001-26-2	MICA	OSHA	No Established Limit
		ACGIH	3 mg/m3 TWA (respirable particulate matter)
		NIOSH	3 mg/m3 TWA (containing
		Supplier	No Established Limit
		OHSA, CAN	3 mg/m3 TWA (respirable)
		Mexico	3 mg/m3 TWA VLE-PPT (respirable fraction)
		Brazil	No Established Limit
0014808-60-7	Crystalline Silica - Quartz	OSHA	50 ug/m3 TWA (listed under Respirable crystalline silica)
		ACGIH	0.025 mg/m3 TWA (respirable particulate matter)
		NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m3 TWA (designated substances regulation, respirable, listed under Silica, crystalline)0.10 mg/m3 TWA (respirable fraction,

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			listed under Silica, crystalline)
		Mexico	0.025 mg/m3 TWA VLE-PPT (respirable fraction)
		Brazil	No Established Limit
0034590-94-8	Dipropylene glycol methyl ether	OSHA	100 ppm TWA; 600 mg/m3 TWA150 ppm STEL; 900 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	100 ppm TWA; 600 mg/m3 TWA150 ppm STEL; 900 mg/m3 STEL600 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	100 ppm TWA VLE-PPT150 ppm STEL [PPT-CT]
		Brazil	No Established Limit
0066402-68-4	Aluminium silicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit

Health Data

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	NIOSH	Eye respiratory
0000110-43-0	Methyl Amyl Ketone	NIOSH	Irritation; liver kidney
0000111-76-2	2-Butoxy-ethanol	NIOSH	Adverse effects on blood and hematopoietic system tissue irritation
0000872-50-4	1-methyl-2-pyrrolidone	NIOSH	No Established Limit
0001309-37-1	Iron oxide	NIOSH	Benign pneumoconiosis termed siderosis
0001332-58-7	Kaolin	NIOSH	Skin and mucous membrane injury respiratory effects
0007631-86-9	Amorphous Silica	NIOSH	No Established Limit
0011099-06-2	Ethyl polysilicate	NIOSH	No Established Limit
0012001-26-2	MICA	NIOSH	respirable dust; Fibrotic pneumoconiosis
0014808-60-7	Crystalline Silica - Quartz	NIOSH	Chronic lung disease (silicosis)
0034590-94-8	Dipropylene glycol methyl ether	NIOSH	Narcotic effects mild irritation of the nose and eyes
0066402-68-4	Aluminium silicate	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000110-43-0	Methyl 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;
0000111-76-2	2-Butoxy-ethanol	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;
0000872-50-4	1-methyl-2-pyrrolidone	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;
0001309-37-1	Iron oxide	OSHA	Select Carcinogen: No

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		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; 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;
0007631-86-9	Amorphous Silica	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;
0011099-06-2	Ethyl polysilicate	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;
0012001-26-2	MICA	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;
0014808-60-7	Crystalline Silica - Quartz	OSHA	Select Carcinogen: Yes
		NTP	Known: Yes; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0034590-94-8	Dipropylene glycol methyl 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;
0066402-68-4	Aluminium silicate	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

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Appearance	Coloured Liquid
Odor threshold	Not Measured
pH	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	78 (°C) 173 (°F)
Flash Point	17 (°C) 62 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.1 Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.25
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)	39.40 (as supplied)
VOHAP content (gm/litre of Solid Coating)	15.70 (as supplied)

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

No data available

10.6. Hazardous decomposition products

No data available

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 LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr
Ethanol - (64-17-5)	10,470.00, Rat - Category: NA	20,000.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available
Ethyl polysilicate - (11099-06-2)	6,270.00, Rat - Category: NA	5,922.00, Rabbit - Category: NA	No data available	No data available
MICA - (12001-26-2)				

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	No data available	No data available	No data available	No data available
Dipropylene glycol methyl ether - (34590-94-8)	5,001.00, Rat - Category: NA	19,000.00, Rabbit - Category: NA	No data available	No data available
Aluminium silicate - (66402-68-4)	No data available	No data available	No data available	No data available
Amorphous Silica - (7631-86-9)	5,001.00, Rat - Category: NA	5,001.00, Rabbit - Category: NA	No data available	No data available
Kaolin - (1332-58-7)	No data available	No data available	No data available	No data available
Methyl Amyl Ketone - (110-43-0)	1,670.00, Rat - Category: 4	12,600.00, Rat - Category: NA	No data available	No data available
Iron oxide - (1309-37-1)	5,001.00, Rat - Category: NA	No data available	No data available	No data available
2-Butoxy-ethanol - (111-76-2)	1,414.00, Rat - Category: 4	2,001.00, Rabbit - Category: 5	173.00, Guinea Pig - Category: NA	No data available
Crystalline Silica - Quartz - (14808-60-7)	No data available	No data available	No data available	No data available
1-methyl-2-pyrrolidone - (872-50-4)	3,914.00, Rat - Category: 5	8,000.00, Rabbit - Category: NA	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	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	1A	May cause cancer.
Reproductive Toxicity	1B	May damage the unborn child.
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
Ethanol - (64-17-5)	42.00, Oncorhynchus mykiss	2.00, Daphnia magna	17.921 (96 hr), Ulva pertusa
Ethyl polysilicate - (11099-06-2)	Not Available	Not Available	Not Available
MICA - (12001-26-2)	Not Available	Not Available	Not Available
Dipropylene glycol methyl ether - (34590-94-8)	10,000.00, Pimephales promelas	1,919.00, Daphnia magna	969.00 (72 hr), Algae

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Aluminium silicate - (66402-68-4)	Not Available	Not Available	Not Available
Amorphous Silica - (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
Methyl Amyl Ketone - (110-43-0)	131.00, Pimephales promelas	90.20, Daphnia magna	98.20 (72 hr), Pseudokirchneriella subcapitata
Iron oxide - (1309-37-1)	Not Available	101.00, Daphnia magna	Not Available
2-Butoxy-ethanol - (111-76-2)	1,464.00, Oncorhynchus mykiss	2,650.00, Daphnia magna	911.00 (72 hr), Pseudokirchneriella subcapitata
Crystalline Silica - Quartz - (14808-60-7)	Not Available	Not Available	0.00 (hr),
1-methyl-2-pyrrolidone - (872-50-4)	500.00, Leuciscus idus	1.23, Daphnia magna	500.00 (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)

IMO / IMDG (Ocean Transportation)

Proper Shipping Name PAINT

IMDG Proper Shipping Name PAINT

Hazard Class 3 - Flammable

IMDG Hazard Class Sub Class 3 - Flammable
Not applicable

UN / NA Number UN 1263

Packing Group III

IMDG Packing Group III

CERCLA/DOT RQ 3518 gal. / 36765 lbs.

System Reference Code 2

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

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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%) :

Ethyl Benzene (1000 lb final RQ; 454 kg final RQ)

m-xylene (1000 lb final RQ; 454 kg final RQ)

o-Xylene (1000 lb final RQ; 454 kg final RQ)

p-Xylene (100 lb final RQ; 45.4 kg final RQ)

Xylene (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

1-methyl-2-pyrrolidone

Ethyl Benzene

m-xylene

o-Xylene

p-Xylene

Xylene

Mass RTK Substances (>1%) :

Dipropylene glycol methyl ether

2-Butoxy-ethanol

Amorphous Silica

Iron oxide

Ethanol

Kaolin

Methyl Amyl Ketone

MICA

Penn RTK Substances (>1%) :

Dipropylene glycol methyl ether

2-Butoxy-ethanol

Amorphous Silica

Iron oxide

Ethanol

Ethyl polysilicate

Kaolin

Methyl Amyl Ketone

MICA

Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)

RCRA Status:
(No Product Ingredients Listed)

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

Dipropylene glycol methyl ether

2-Butoxy-ethanol

Iron oxide

Ethanol

Kaolin

Methyl Amyl Ketone

MICA

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

1-methyl-2-pyrrolidone

2-Butoxy-ethanol

2-Methylpropan-1-ol

Cristobalite

Crystalline Silica - Quartz

Ethanol

Ethyl Benzene

m-xylene

Manganese compounds (as Mn)

o-Xylene

p-Xylene

Xylene

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

1-methyl-2-pyrrolidone

Ethyl Benzene

m-xylene

o-Xylene

p-Xylene

Xylene

Proposition 65 - Carcinogens (>0%):

Ethanol

Benzene

Ethyl Benzene

Nickel

Cobalt compounds (as Co)

Titanium dioxide

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

(No Product Ingredients Listed)

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

Benzene

Proposition 65 - Developmental Toxins (>0%):

Ethanol

Benzene

Toluene

1-methyl-2-pyrrolidone

16. Other information

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

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

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H350 May cause cancer.

H360D May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

The following sections have changed since the previous revision.

SECTION 12: Ecological information

End of Document