SAFETY DATA SHEET

Section1: Identification

1.1 Product identifier

Product Name: ePAINT SN-1, Red

Product Identity: S1-505-Q
S1-505-G
S1-505-F

Product Type: Antifouling paint

1.2 Recommended use of the chemical and restrictions on use

Field of application: Boat/Ship hulls and shipyards.

Identified uses: Industrial applications.

TSCA: Unless otherwise stated. All components are listed or exempted.

1.3 Details of the supplier of the safety data sheet

Company details: ePAINT COMPANY
25 Research Road
East Falmouth, MA 02536
Phone number: (508) 540-4412
E-mail: epaint@epaint.net

1.4 Emergency telephone number (with hours of operation)

For Transportation Emergencies: (24 hours) CHEMTREC: **1-800-424-9300**
(Toll-free in the U.S., Canada and the U.S. Virgin Islands)
If the purchaser of this product is going to be shipping this product to other locations, the purchaser must arrange for its own Emergency Information Provider to respond to transport incidents. ePAINT's 24 hour response contract does not cover non-ePAINT shipments.

For all other information: (8 AM – 5 PM EST) In USA, call (508) 540-4412
See Section 4 of the safety data sheet (first aid measures).

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Liq. 3; H226 Flammable liquid and vapor.
Acute Tox. 4; H302 Harmful if swallowed.
Acute Tox. 5; H313 May be harmful in contact with skin.
Acute Tox. 4; H332 Harmful if inhaled.

Skin Irrit. 2; H315 Causes skin irritation.
Eye Dam. 1; H318 Causes serious eye damage.
Aquatic Acute 1; H400 Very toxic to aquatic life.
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

HMIS Rating Health: 2 Flammability: 3 Reactivity: 0 Personal Protection: H

2.2 Label elements GHS-US labeling

Danger.

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

H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
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.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
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.
P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
P330 Rinse mouth.
P331 Do NOT induce vomiting.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 Take off contaminated clothing and wash 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.

2.3 Hazards not otherwise classified

None

2.4 Unknown acute toxicity (GHS-US)

None

2.5 Additional information

Not Applicable

Section 3: Composition/ information on ingredients

3.1 Substance

Mixture

3.2 Mixture

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Barium sulfate CAS Number: 0007727-43-7	5-10	------	[1] [2]
Zinc oxide CAS Number: 0001314-13-2	25-50	Aquatic Acute Tox.1; H400 Aquatic Chronic Tox.1; H410	[1] [2]
Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7	10 - 15	Flam. Liq. 3; H226 Acute Tox.(skin) 4; H332 Acute Tox.(inhalation) 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Asp. Haz. 1; H304	[1] [2]
Epoxy Ester Resin CAS Number: Proprietary	10-15	Not Classified	
Proprietary Acrylic CAS Number: Proprietary	1-5	Not Classified	
Solvent Naptha (petroleum) heavy aromatic CAS Number: 64742-94-5	1.0-5	Asp. Haz. 1; Aquatic Toxicity (Chronic) 2	[1]
4,5-dichloro-2-n-octyl-4- isothiazolin-3-one CAS Number: 64359-81-5	1.0-5.0	Acute Tox.: Oral 4; Skin 4 Skin Corr./Irrit.- 1B Eye damage/ Irrit. - 1 Skin Sensitivity - 1 STOT (SE): [Respiratory tract irritation]-3 Aquatic Tox (Acute) - 1	[1][2]
Ethyl Benzene CAS Number 100-41-4	1.0-3.0	Flam. Liq. 2 Acute Tox.: (inhalation) 4	

[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.

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

Section 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. May cause lung injury. 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.

4.3 Indication of any immediate medical attention and special treatment needed

Not Determined

Section 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.

SMALL FIRES: Use dry chemical, CO2, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2 Special hazards arising from the substance or mixture

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

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.**

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid all direct contact with the spilled material. ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Ventilate the area. Avoid breathing vapor or mist. Refer to protective measures listed in section 7 and 8. 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. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution. Water polluting material. May be harmful to the environment if released in large quantities.

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 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stop leak if without risk. Move containers away from spill area. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations. Contaminated material may pose the same hazard as the spilled product.
LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

Section 7: Handling and storage

7.1 Precautions for safe handling

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. Do not get in eyes, on skin or clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Appropriate personal protective equipment: see Section 8. Always keep in containers made from the same material as the original one.

7.2 Conditions for safe storage

Store in accordance with local regulations for flammable liquids. Store in a cool, well-ventilated area away from incompatible materials and ignitions sources. Keep away from: Oxidizing agents, strong alkalis, strong acids. Prevent unauthorized access. Keep out of reach of children.
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. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

See separate Technical Data sheet for recommendations on specific application instructions.
This product may be applied using several application techniques and methods of handling may be different for each. Application techniques include (but are not limited to) brushing, rolling, and spray application (conventional, HPLV, airless, pleural component or aerosol can). Avoid the breathing of vapors and, if spraying, do not breathe spray mist or aerosols.

Section 8: Exposure controls and personal protection

8.1 Occupational Exposure Limits

Exposure

CAS No.	Ingredient	Source	Value
0001314-13-2	Zinc Oxide	OSHA	TWA 5 mg/m3 (fume); TWA 15 mg/m3 (total dust); TWA 5 mg/m3 (respirable fraction) STEL: 10 mg/m3 (fume)
		ACGIH	TWA: 2 mg/m3 (respirable fraction); STEL 10 mg/m3 (respirable fraction)
		NIOSH	TWA 5 mg/m3 (dust and fume); 10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust) 500 mg/m3 IDLH
		Supplier	
		OHSA, CAN	TWA 2 mg/m3 (respirable); 10 mg/m3 STEL (respirable)
		Mexico	TWA LMPE-PPT: 5 mg/m3 (fume); 10 mg/m3 TWA LMPE-PPT (dust); 10 mg/m3 STEL [LMPE-CT] (fume)
0001330-20-7	Xylenes (o-, m-, p- isomers)	OSHA	TWA-PEL: 100 ppm; PEL-STEL: 150 ppm
		ACGIH	TWA: 100ppm STEL: 150ppm BEI: Methilhipuric acid in urine:1.5 g/g creatinine
		NIOSH	REL-TWA:100ppm REL-STEL: 150 ppm
		Supplier	
		OHSA, CAN	TWA 100 ppm; 150 ppm STEL
		Mexico	TWA 100 ppm LMPE-PPT; TWA 435 mg/m3 LMPE-PPT; 150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT]

0007727-43-7	Barium Sulfate	OSHA	TWA 15 mg/m3 (total dust); TWA 5 mg/m3 (respirable fraction)
		ACGIH	TWA 10 mg/m3
		NIOSH	TWA 10 mg/m3 (total dust); TWA 5 mg/m3 (respirable dust)
		Supplier	
		OHSA,CAN	TWA 10 mg/m3
		Mexico	
100-41-4	Ethyl Benzene	OSHA PEL	TWA: 435 mg/m^3 10 hrs TWA: 100 ppm 10 hrs.
		ACGIH TLV	STEL: 125 ppm 15 minutes TWA: 100 ppm 8 hrs.
		NIOSH REL	STEL: 545 mg/m^3 15 minutes 125 ppm 15 minutes TWA: 435 mg/m^3 10 hrs. 100 ppm 10 hrs.
		Supplier	
		OHSA, CAN	
		Mexico	
64742-94-5	Naptha, solvent (petroleum), heavy aromatic	OSHA	
		ACGIH	TWA: Tentative: 25 ppm 8 hrs,
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	

Health Data

CAS No.	Ingredient	Source	Value
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
0007727-43-7	Barium sulfate	NIOSH	Eye, nose

Carcinogen Data

CAS No.	Ingredient	Source	Value
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
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

8.2 Exposure controls

Individual protection measures

General: Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. Safety eyewear should be used when there is a likelihood of exposure.

Respiratory: If working areas have insufficient ventilation, wear half or totally covering mask equipped with gas filter of type Organic Vapor, when grinding use particle filter of type P95, P99, or P100. When spraying use a combined filter (organic vapor/ HEPA or organic vapor/ P100 type). Be sure to use approved/certified respirator or equivalent. Always wear an air-fed respirator when spraying in a continuous and prolonged work situation (e.g. hood with supply of fresh or compressed air or a full face, powered air purifying filter).

This product contains low-boiling point liquids. Any respiratory protective equipment should be air-fed.

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.

Body protection:

Wear suitable protective clothing 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. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at the neck and wrists through contact with the product are avoided. Always wear suitable protective clothing when spraying. The equipment must be thoroughly cleaned, or discarded after each use.

Hand Protection:

Wear chemical-resistant gloves in combination with basic employee training. The quality of the chemical-resistant protective gloves must be chosen as a function of the specific workplace concentrations and quantity of hazardous substances.

Protective clothing (pictograms):

Note: Application of paint products by spraying requires additional safety precautions: Full body suit, full face respirator with air supplied.

Environmental Exposure Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Engineering Controls:

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

Other Work Practices/Hygiene:

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, smoking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Red
Odor:	Aromatic solvent-like
Odor threshold:	Not measured
pH:	Testing not relevant or not possible due to nature of the product.
Relative evaporation rate: (butyl acetate = 1)	Not measured
Melting point/freezing point:	Testing not relevant or not possible due to nature of the product.
Boiling point/ boiling range:	136-160˚C
Flash point:	Closed cup: 82˚F (27.8˚C)
Evaporation rate:	Testing not relevant or not possible due to nature of the product.
Flammability:	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat. Flammable in the presence of the following materials or conditions: oxidizing materials and reducing materials.
Upper/lower flammability or Explosive limits:	0.5 -8 vol%
Vapor pressure:	Testing not relevant or not possible due to nature of the product.
Relative vapor density @ 20°C:	3.5 (Air = 1)
Relative density:	1.66 g/cm^3
Solubility(ies) :	Partially soluble in the following materials: cold water and hot water.
Partition coefficient (LogKow) :	Testing not relevant or not possible due to nature of the product.
Auto-ignition temperature:	Testing not relevant or not possible due to nature of the product.

Decomposition temperature:	Testing not relevant or not possible due to nature of the product.
Viscosity:	Not determined
Explosive properties:	Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat. Explosive in the presence of the following materials or conditions: oxidizing materials and reducing materials.
Oxidizing properties:	Testing not relevant or not possible due to nature of the product.

9.2 Other information

Solvent(s) % by weight:	19.87
Water % by weight:	Weighted average: 0%
VOC content:	390 g/l
TOC content:	weighted average: 317 g/l
Solvent gas:	weighted average: 0.082m^3/l

Section 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 product

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide

Section 11: Toxicological information

11.1 Information on toxicological effects

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.

Acute Toxicity

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
Zinc oxide - (1314-13-2)	5,000.00, Rat - Category: 5	No Data available	No Data available	2.50, Mouse - Category: 4
Xylenes (o-, m-, p- isomers) - (1330-20-7)	4,299.00, Rat - Category: 5 1,548.00, Rabbit -	1,548.00, Rabbit - Category: 4	20.00, Rat - Category: 4	No Data available
Ethylbenzene	3500 Rat	>5000 Rabbit	No data Available	No data available
Solvent Naptha (petroleum) Aromatic	No data Available	No data Available	LC50 Rat >590 mg/m^3 4 hr	No data available

Acute toxicity estimates

Route	ATE Value
Inhalation (gases) Inhalation (vapors)	37092.3 ppm 300.8 mg/l

Irritation/ Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Obvservation
Zinc Oxide	Eyes- Mild irritant Skin-mild irritant	Rabbit Rabbit	- -	- -	- -
Barytes	Skin- mild irritant	Human	-	-	-
Xylene	Eyes-Severe irritant Skin-mild irritant Skin-moderate irritant	Rabbit Rat Rabbit	-	-	-
Ethylbenzene	Eyes- Severe irritant Skin- mild irritant	Rabbit Rabbit	-	-	-
Solvent Naptha (petroleum), heavy aromatic	Skin-mild irritant	Rabbit	-	-	-

Carcinogen classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Zinc Oxide	A4	-	-	-	-	-
Xylene	A4	3	-	None.	-	-
Barytes	A1	1	-	None.	-	-
Ethylbenzene	A3	2B	-	None.	-	-

Specific organ toxicity (single exposure)

Product/Ingredient name	Category	Route of Exposure	Target Organs
4,5-dichloro 2-n-octyl -4 isothiazolin-3-one	Category 3	Not Determined	Respiratory tract irritation

Aspiration hazard

Product/ingredient name	Result
Solvent naptha (petroleum), heavy aromatic	ASPIRATION HAZARD-Category 1

Information on likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential chronic health effects

Sensitization: Contains 4,5-dichloro 2-n-octyl -4 isothiazolin-3-one. May produce an allergic reaction

Other information: No additional known significant effects or critical hazards.

Section 12: Ecological information

12.1 Toxicity

Do not allow to enter drains or watercourses. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

When spilled, this product may act as an oil, causing a film, sheen, emulsion, or sludge at or beneath the surface of a body of water. Oils of any kind can cause: (a) drowning of waterfowl due to lack of buoyancy, loss of insulating capacity of feathers, starvation and vulnerability to predators

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 algae mg/l	ErC50 algae mg/l
Barium sulfate – (7727-43-7)	59,000.00, Poecilia Sphenops	32.00, Daphnia magna	Not Available
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus Mykiss	mykiss 0.098, Daphnia magna	0.042 (72 hr), Pseudokirchneriella subcapitata
Xylenes (o-, m-, p- isomers) - (1330-20-7)	3.30, Oncorhynchus Mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Ethylbenzene			

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

Section 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).

Section 14: Transport information

14.1 UN number UN1263

14.2 UN proper shipping name Paint

14.3 Transport hazard class(es)

DOT (Domestic Surface Transportation)
DOT Proper Shipping Name
CONSUMER COMMODITY, ORM-D

DOT Hazard Class	Not Regulated
UN / NA Number	UN 1263
DOT Packing Group	Not Regulated
CERCLA/DOT RQ	61 gal. / 841 lbs.

IMO / IMDG (Ocean Transportation)

IMDG Hazard Class	Flammable Liquid, 3
Sub Class	Not applicable
IMDG Packing Group	III
System Reference Code	181

14.4 Packing group **III**

14.5 Environmental hazards

IMDG Marine pollutant 4, 5-Dichloro-2-n-octyl-4-isothiazolin-3-one

14.6 Special precautions for user

Not available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable

Section 15: Regulatory information

15.1 US Federal regulations

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 Substances Control Act) Inventory or are not required to be listed on the TSCA Inventory.

15.2 US State regulations

SARA 311/312 SDS distribution – chemical inventory – hazard identification: xylene: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; ethyl benzene: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard, solvent naptha (petroleum), heavy aromatic: Fire hazard, Immediate (acute) health hazard, delayed (chronic) health hazard; 4, 5-Dichloro-2-n-octyl-4-isothiazolin-3-one: Immediate (acute) health hazard, Delayed (chronic) health hazard; amorphous silica: Immediate (acute) health hazard, Delayed (chronic) health hazard; acrylic resin: Immediate (acute) health hazard, Delayed (chronic) health hazard; barium sulfate: Immediate (acute) health hazard; hydrogenated rosin: Immediate (acute) health hazard; polymerized rosin: Immediate (acute) health hazard; 4-heptanone: Fire Hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; Zinc Oxide: Immediate (acute) health hazard, Delayed (chronic) health hazard.

Clean Water Act (CWA) 307: Zinc oxide, Ethyl benzene, naphthalene

Clean Water Act (CWA) 311: xylene, ethyl benzene, naphthalene

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Listed

WHMIS Classification B2 D2B E

Mass RTK Substances (>1%) :
Barium sulfate
Xylenes (o-, m-, p- isomers)
Zinc oxide

Penn RTK Substances (>1%) :
Barium sulfate
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%) :
Barium sulfate
Xylenes (o-, m-, p- isomers)
Zinc oxide

N.J. Special Hazardous Substances (>.01%) :
Silica, cristobalite
Xylenes (o-, m-, p- isomers)

N.J. Env. Hazardous Substances (>.1%) :
Xylenes (o-, m-, p- isomers)

Proposition 65 – Carcinogens (>0%)
Cadmium
Lead
Quartz

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

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

Proposition 65 - Developmental Toxins (>0%):
Cadmium
Lead

Section 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.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
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.

Remarks:

Note: In USA, consult Code of Federal Regulations, Title 29, Labor, Parts 1910 and 1915 concerning occupational safety and health standards and regulations, as well as any other applicable Federal, State or local regulations that apply to safe practices in coating operations.

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD is TOXIC.

Revisions: Existing MSDS revised to new GHS format. Revision Date 12/15/2022

Notice to reader:

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