

# SAFETY DATA SHEET



## FLORIDA PAINTS

5450 IRONMAN : Alkyd Metal Primer - White

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	ALKYD RUST INHIBITIVE PRIMR - WHITE
<b>Product Code:</b>	5450
<b>Product Use:</b>	Primer


#### Manufacturer

FLORIDA PAINTS  
78 THIRD STREET  
WINTER GARDEN, FL 34787 | 407.986.1000

#### 24 Hour Emergency Telephone Number

CHEMTEL (US): (800)255-3924  
CHEMTEL (International): (813)248-0585

### 2. HAZARDS IDENTIFICATION

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Specific Target Organ Toxicity (Repeated Exposure): Category 1 Aspiration Toxicity: Category 1 Flammable Liquid: Category 3 Skin Sensitization: Category 1 Carcinogenicity: Category 2
<b>Signal Word:</b>	Danger
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H226: Flammable liquid and vapor H304: May be fatal if swallowed and enters airways H317: May cause an allergic skin reaction H351: Suspected of causing cancer H372: Causes damage to organs through prolonged or repeated exposure

<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P233: Keep container tightly closed P240: Ground/bond container and receiving equipment P241: Use explosion-proof electrical/ventilating/lighting equipment P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P260: Do not breathe dust/fumes/gas/mist/vapors/spray P264: Wash face, hands and any exposed skin thoroughly after handling P270: Do not eat, drink, or smoke when using this product P272: Contaminated work clothing should not be allowed out of the workplace P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P308+313: IF exposed: Call a POISON CENTER or doctor/physician P333+313: If skin irritation or a rash occurs: Get medical advice/attention P370+378: In case of fire: Use CO <sub>2</sub> , dry chemical, or foam to extinguish P363: Wash contaminated clothing before reuse P331: Do NOT induce vomiting
<b>Storage Precautionary Statements:</b>	P405: Store locked up P403+235: Store in a well ventilated place. Keep cool.
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant
<b>Hazards Not Otherwise Classified:</b>	Objects or materials soaked in this substance may spontaneously ignite if not properly disposed of

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Calcium carbonate	20% to 30%	1317-65-3
Distillates (petroleum), hydrotreated light	10% to 20%	64742-47-8
Medium aliphatic solvent naphtha (petroleum)	10% to 20%	64742-88-7
Titanium dioxide	10% to 20%	13463-67-7
Talc	1% to 5%	14807-96-6
Calcium borate	1% to 5%	13701-64-9
Zinc oxide	1% to 5%	1314-13-2
Xylenes (isomers and mixture)	1% to 5%	1330-20-7
Silicon dioxide	0% to 1%	7631-86-9
Nonane	0% to 1%	111-84-2
Alkyl quaternary ammonium bentonite	0% to 1%	68953-58-2
Alumina trihydrate	0% to 1%	21645-51-2

Ethylbenzene	0% to 1%	100-41-4
Propylene glycol monomethyl ether	0% to 1%	107-98-2
Crystalline silica	0% to 1%	14808-60-7

#### 4. FIRST AID MEASURES

<b>General Advice:</b>	Call a physician if symptoms persist. Show SDS to physician.
<b>Eyes:</b>	Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
<b>Most Important Symptoms/Effects:</b>	May cause allergic skin reaction
<b>Notes to Physician:</b>	Treat symptomatically

#### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Foam, dry powder, CO <sub>2</sub> , water spray. Use measures suitable to the circumstances and environment.
<b>Precautions for Firefighters:</b>	Wear self-contained breathing apparatus and protective gear
<b>Specific Hazards:</b>	Product is combustible. Thermal decomposition may release irritating gases/vapors. Explosive vapors may collect in low or confined areas.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Remove all sources of ignition. Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage. Do not allow material to enter ground water, surface water, or sewer system. Consult local authorities if spillage cannot be contained.
<b>Clean-Up Method:</b>	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers. Thoroughly clean contaminated surface.

#### 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Use only in areas with sufficient ventilation. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources.
<b>Storage Precautions:</b>	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources.
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Calcium carbonate(1317-65-3)		
NIOSH TWA:	5 mg/m3 (respirable fraction)	10 mg/m3 (total dust)
OSHA PEL:	5 mg/m3 (respirable fraction)	15 mg/m3 (total dust)
Crystalline silica(14808-60-7)		
ACGIH TWA:	.025 mg/m3	--
NIOSH TWA:	.05 mg/m3	--
OSHA TWA:	10 mg/m3/%SiO2+2	250 mppcf/%SiO2+5
Distillates (petroleum), hydrotreated light(64742-47-8)		
ACGIH TWA:	200 mg/m3	--
Ethylbenzene(100-41-4)		
ACGIH STEL:	125 ppm	--
ACGIH TWA:	20 ppm	--
NIOSH ST:	125 ppm	545 mg/m3
NIOSH TWA:	100 ppm	435 mg/m3
OSHA STEL:	125 ppm	545 mg/m3
OSHA TWA:	100 ppm	435 mg/m3
Nonane(111-84-2)		
ACGIH TWA:	200 ppm	--
NIOSH TWA:	200 ppm	1050 mg/m3
OSHA TWA:	200 ppm	1050 mg/m3
Propylene glycol monomethyl ether(107-98-2)		
ACGIH STEL:	100 ppm	--
ACGIH TWA:	50 ppm	--
NIOSH ST:	150 ppm	540 mg/m3
NIOSH TWA:	100 ppm	360 mg/m3
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft3	80 mg/m3/%SiO2
Talc(14807-96-6)		
ACGIH TWA:	2 mg/m3	--
NIOSH TWA:	2 mg/m3	--
OSHA TWA:	20 mppcf	--
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m3	OSHA: 15 mg/m3
Xylenes (isomers and mixture)(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m3
Zinc oxide(1314-13-2)		
ACGIH	TWA: 2 mg/m3	STEL: 10 mg/m3
NIOSH	TWA: 5 mg/m3	ST: 10 mg/m3
OSHA	TWA: 5 mg/m3	--

<b>Engineering Measures:</b>	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
<b>Hygiene Measures:</b>	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
<b>Eye/Face Protection:</b>	Safety glasses/goggles
<b>Skin Protection:</b>	Protective gloves and long-sleeved protective clothing
<b>Respiratory Protection:</b>	NIOSH approved respirator if material is being used in a confined area, is being sprayed, or if exposure limits are exceeded

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	White
<b>Odor:</b>	Solvent
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Melting Point (°F):</b>	No information available
<b>Boiling Point (°F):</b>	244.0 -246
<b>Flash Point (°F):</b>	59.00
<b>Flash Point Method:</b>	Closed cup
<b>Evaporation Rate:</b>	No information available
<b>Flammability (Solid/Gas):</b>	No information available
<b>Flammability Limits:</b>	No information available
<b>Vapor Pressure (mm Hg):</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	No information available
<b>% Solubility in Water:</b>	No information available
<b>Octanol/Water Partition Coefficient:</b>	No information available
<b>Auto-Ignition Temperature (°F):</b>	No information available
<b>Decomposition Temperature (°F):</b>	No information available
<b>Viscosity (KU):</b>	80-85
<b>Volatile Organic Compounds (g/L):</b>	366.7

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not applicable
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of use
<b>Hazardous Decomposition Products:</b>	Irritating vapors
<b>Stability:</b>	Stable under normal storage conditions
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents
<b>Conditions to Avoid:</b>	Heat, sparks, ignition sources

## 11. TOXICOLOGICAL INFORMATION

Alkyl quaternary ammonium bentonite(68953-58-2)	
ACGIH TWA (respirable dust):	0.025 mg/m <sup>3</sup>
OSHA PEL (respirable dust):	10 mg/m <sup>3</sup> (%SiO <sub>2</sub> +2)
OSHA PEL (total dust):	30 mg/m <sup>3</sup> (%SiO <sub>2</sub> +2)

Alumina trihydrate(21645-51-2)	
Oral LD50 (rat):	>2000 mg/kg
Distillates (petroleum), hydrotreated light(64742-47-8)	
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	>5 mg/L
Oral LD50 (rat):	>5000 mg/kg
Ethylbenzene(100-41-4)	
Dermal LD50 (rabbit):	15433 mg/kg
Oral LD50 (rat):	3500 mg/kg
Medium aliphatic solvent naphtha (petroleum)(64742-88-7)	
Dermal LD50 (rat):	>2000 mg/kg
Oral LD50 (rat):	>2000 mg/kg
Nonane(111-84-2)	
Inhalation LC50 (rat, 4 hrs):	23760 mg/m3
Propylene glycol monomethyl ether(107-98-2)	
Dermal LD50 (rabbit):	13000 mg/kg
Inhalation LC50 (rat, 5 hrs):	10000 ppm
Oral LD50 (mouse):	11700 mg/kg
Silicon dioxide(7631-86-9)	
Oral LD50 (rat):	3160 mg/kg
Titanium dioxide(13463-67-7)	
Dermal LD50 (rabbit):	>10000 mg/kg
Oral LD50 (rat):	>10000 mg/kg
Zinc oxide(1314-13-2)	
Inhalation LC50 (mouse):	2500 mg/m3
Oral LD50 (mouse):	7950 mg/kg

<b>Primary Routes of Exposure:</b>	Eye contact, skin contact, inhalation
<b>Acute Toxicity:</b>	Repeated or prolonged exposure may to lead to permanent brain and nervous system damage. Inhalation of concentrated vapors may lead to death.

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	Irritation
<b>Skin Contact:</b>	Irritation, dermatitis
<b>Inhalation:</b>	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
<b>Ingestion:</b>	Irritation of mucous membranes, pulmonary injuries if breathed in during ingestion or vomiting
<b>Target Organ (Single Exposure):</b>	No information available
<b>Target Organ (Repeated Exposure):</b>	No information available
<b>Sensitization:</b>	May cause allergic skin reaction
<b>Carcinogenicity:</b>	No information available
<b>Mutagenicity:</b>	No information available
<b>Reproductive Toxicity:</b>	No information available
<b>Other:</b>	No information available

## 12. ECOLOGICAL INFORMATION

Alumina trihydrate(21645-51-2)	
Semi-static NOEC (salmo trutta, 96 hrs):	>0.07 mg/L
Static NOEC (algae, 72 hrs):	>0.004 mg/L
Static NOEC (water flea, 48 hrs):	>0.005 mg/L
Ethylbenzene(100-41-4)	
Biodegradability (aerobic, 28 days):	70-80%
Flow-through LC50 (Atlantic silverside, 96 hrs):	5.1 mg/L
Static EC50 (Skeletonema costatum, 72 hrs):	4.9 mg/L
Static EC50 (water flea, 48 hrs):	1.8-2.4 mg/L
Medium aliphatic solvent naphtha (petroleum)(64742-88-7)	
LC/EC/IC50 (algae):	>1000 mg/L
LC/EC/IC50 (aquatic invertebrates):	>1000 mg/L
LC/EC/IC50 (fish):	>1000 mg/L
Nonane(111-84-2)	
Static EC50 (water flea, 48 hrs):	0.2 mg/L
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 mg/L
Zinc oxide(1314-13-2)	
EC50 (water flea, 48 hrs):	0.098 mg/L
LC50 (rainbow trout, 96 hrs):	1.1 mg/L

<b>Ecotoxicological Effects:</b>	The environmental impact of this substance has not been fully evaluated
<b>Persistence/Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Other Effects:</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations.
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## 14. TRANSPORT INFORMATION

<b>DOT</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	III

<b>ICAO/IATA</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	III

<b>IMDG/IMO</b>	
<b>Shipping Name:</b>	Paint

<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	III

## 15. REGULATORY INFORMATION

<b>TSCA (US):</b>	All components are listed or exempt
<b>DSL/NDSL (Canada):</b>	All components are listed or exempt

<b>311/312 Hazard Categories</b>	
<b>Fire:</b>	Yes
<b>Pressure Generating:</b>	No
<b>Reactivity:</b>	No
<b>Acute:</b>	Yes
<b>Chronic:</b>	Yes

<b>CERCLA Section 302</b>	
<b>Reportable Quantities:</b>	Ethylbenzene, 1000 lbs Xylenes (isomers and mixture), 100 lbs

<b>SARA 313</b>			
<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
Xylenes (isomers and mixture)	1330-20-7	5	1.0
Ethylbenzene	100-41-4	1	0.1

<b>State Right-to-Know</b>					
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Calcium carbonate	1317-65-3	X	X	X	X
Medium aliphatic solvent naphtha (petroleum)	64742-88-7		X		
Titanium dioxide	13463-67-7	X	X	X	X
Talc	14807-96-6	X	X	X	X
Calcium borate	13701-64-9		X	X	
Zinc oxide	1314-13-2	X	X	X	X
Xylenes (isomers and mixture)	1330-20-7	X	X	X	X
Silicon dioxide	7631-86-9	X	X	X	
Nonane	111-84-2	X	X	X	X
Alumina trihydrate	21645-51-2		X	X	
Ethylbenzene	100-41-4	X	X	X	X
Propylene glycol monomethyl ether	107-98-2	X	X	X	X
Crystalline silica	14808-60-7		X	X	X

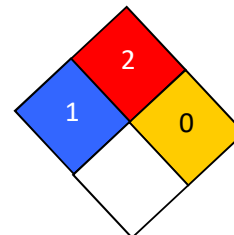
<b>California Proposition 65:</b>	This product contains small amounts of materials known to the state of California to cause cancer or reproductive harm. Titanium dioxide and silicon dioxide (airborne, unbound particles of respirable size) are known to the state of California to cause cancer. This listing does not cover titanium dioxide or silicon dioxide when they remain bound within a product matrix.
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## 16. OTHER INFORMATION

HMIS RATING	
Health:	1*
Flammability:	2
Reactivity:	0
Personal Protection:	--

### NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

<b>Revision Indicator:</b>	Revised 5/2/2018
<b>Disclaimer:</b>	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.

# SAFETY DATA SHEET



## FLORIDA PAINTS

5453 IRONMAN: Alkyd Metal Primer - RED OXIDE

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	ALKYD RUST INHIBITOR PRIMER - RED OXIDE
<b>Product Code:</b>	5453
<b>Product Use:</b>	Primer


#### Manufacturer

FLORIDA PAINTS  
78 THIRD STREET  
WINTER GARDEN, FL 34787 | 407.986.1000

#### 24 Hour Emergency Telephone Number

CHEMTEL (US): (800)255-3924  
CHEMTEL (International): (813)248-0585

### 2. HAZARDS IDENTIFICATION

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Specific Target Organ Toxicity (Repeated Exposure): Category 1 Aspiration Toxicity: Category 1 Flammable Liquid: Category 3 Skin Sensitization: Category 1 Carcinogenicity: Category 2
<b>Signal Word:</b>	Danger
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H226: Flammable liquid and vapor H304: May be fatal if swallowed and enters airways H317: May cause an allergic skin reaction H351: Suspected of causing cancer H372: Causes damage to organs through prolonged or repeated exposure

<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P233: Keep container tightly closed P240: Ground/bond container and receiving equipment P241: Use explosion-proof electrical/ventilating/lighting equipment P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P260: Do not breathe dust/fumes/gas/mist/vapors/spray P264: Wash face, hands and any exposed skin thoroughly after handling P270: Do not eat, drink, or smoke when using this product P272: Contaminated work clothing should not be allowed out of the workplace P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P308+313: IF exposed: Call a POISON CENTER or doctor/physician P333+313: If skin irritation or a rash occurs: Get medical advice/attention P370+378: In case of fire: Use CO <sub>2</sub> , dry chemical, or foam to extinguish P363: Wash contaminated clothing before reuse P331: Do NOT induce vomiting
<b>Storage Precautionary Statements:</b>	P405: Store locked up P403+235: Store in a well ventilated place. Keep cool.
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant
<b>Hazards Not Otherwise Classified:</b>	Objects or materials soaked in this substance may spontaneously ignite if not properly disposed of

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Calcium carbonate	20% to 30%	1317-65-3
Talc	10% to 20%	14807-96-6
Stoddard solvent (mineral spirits)	10% to 20%	8052-41-3
Iron (III) oxide	5% to 10%	1309-37-1
Solvent naphtha, light aromatic	1% to 5%	67472-95-6
Xylenes (isomers and mixture)	1% to 5%	1330-20-7
Zinc oxide	1% to 5%	1314-13-2
Distillates (petroleum), hydrotreated light	1% to 5%	64742-47-8
1,2,4-trimethylbenzene	1% to 5%	95-63-6
Ethylbenzene	0% to 1%	100-41-4
Crystalline silica	0% to 1%	14808-60-7
Alkyl quaternary ammonium bentonite	0% to 1%	68953-58-2

Hydrous alumino silicate	0% to 1%	8031-18-3
Methyl ethyl ketoxime	0% to 1%	96-29-7

#### 4. FIRST AID MEASURES

<b>General Advice:</b>	Call a physician if symptoms persist. Show SDS to physician.
<b>Eyes:</b>	Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
<b>Most Important Symptoms/Effects:</b>	May cause allergic skin reaction
<b>Notes to Physician:</b>	Treat symptomatically

#### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Foam, dry powder, CO2, water spray. Use measures suitable to the circumstances and environment.
<b>Precautions for Firefighters:</b>	Wear self-contained breathing apparatus and protective gear
<b>Specific Hazards:</b>	Product is combustible. Thermal decomposition may release irritating gases/vapors. Explosive vapors may collect in low or confined areas.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Remove all sources of ignition. Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage. Do not allow material to enter ground water, surface water, or sewer system. Consult local authorities if spillage cannot be contained.
<b>Clean-Up Method:</b>	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers. Thoroughly clean contaminated surface.

#### 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Use only in areas with sufficient ventilation. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources.
<b>Storage Precautions:</b>	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources.
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1,2,4-trimethylbenzene(95-63-6)		
ACGIH TWA:	25 ppm	--
NIOSH TWA:	25 ppm	125 mg/m3
Calcium carbonate(1317-65-3)		
NIOSH TWA:	5 mg/m3 (respirable fraction)	10 mg/m3 (total dust)
OSHA PEL:	5 mg/m3 (respirable fraction)	15 mg/m3 (total dust)
Crystalline silica(14808-60-7)		
ACGIH TWA:	.025 mg/m3	--
NIOSH TWA:	.05 mg/m3	--
OSHA TWA:	10 mg/m3/%SiO2+2	250 mppcf/%SiO2+5
Distillates (petroleum), hydrotreated light(64742-47-8)		
ACGIH TWA:	200 mg/m3	--
Ethylbenzene(100-41-4)		
ACGIH STEL:	125 ppm	--
ACGIH TWA:	20 ppm	--
NIOSH ST:	125 ppm	545 mg/m3
NIOSH TWA:	100 ppm	435 mg/m3
OSHA STEL:	125 ppm	545 mg/m3
OSHA TWA:	100 ppm	435 mg/m3
Iron (III) oxide(1309-37-1)		
ACGIH TWA:	5 mg/m3	--
NIOSH TWA:	5 mg/m3	--
OSHA TWA:	5 mg/m3	--
Methyl ethyl ketoxime(96-29-7)		
WEEL TWA:	10 ppm	--
Solvent naptha, light aromatic(67472-95-6)		
ACGIH:	100 ppm	--
OSHA:	100 ppm	--
Stoddard solvent (mineral spirits)(8052-41-3)		
ACGIH TWA:	100 ppm	--
NIOSH ceiling (15 min):	--	1800 mg/m3
NIOSH TWA:	--	350 mg/m3
OSHA TWA:	500 ppm	2900 mg/m3
Talc(14807-96-6)		
ACGIH TWA:	2 mg/m3	--
NIOSH TWA:	2 mg/m3	--
OSHA TWA:	20 mppcf	--
Xylenes (isomers and mixture)(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m3
Zinc oxide(1314-13-2)		
ACGIH	TWA: 2 mg/m3	STEL: 10 mg/m3
NIOSH	TWA: 5 mg/m3	ST: 10 mg/m3
OSHA	TWA: 5 mg/m3	--

<b>Engineering Measures:</b>	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
<b>Hygiene Measures:</b>	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
<b>Eye/Face Protection:</b>	Safety glasses/goggles
<b>Skin Protection:</b>	Protective gloves and long-sleeved protective clothing

<b>Respiratory Protection:</b>	NIOSH approved respirator if material is being used in a confined area, is being sprayed, or if exposure limits are exceeded
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Red
<b>Odor:</b>	Little to none
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Melting Point (°F):</b>	No information available
<b>Boiling Point (°F):</b>	277.0 -554
<b>Flash Point (°F):</b>	59.00
<b>Flash Point Method:</b>	Closed cup
<b>Evaporation Rate:</b>	No information available
<b>Flammability (Solid/Gas):</b>	No information available
<b>Flammability Limits:</b>	No information available
<b>Vapor Pressure (mm Hg):</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	No information available
<b>% Solubility in Water:</b>	No information available
<b>Octanol/Water Partition Coefficient:</b>	No information available
<b>Auto-Ignition Temperature (°F):</b>	No information available
<b>Decomposition Temperature (°F):</b>	No information available
<b>Viscosity (KU):</b>	78-80

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not applicable
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of use
<b>Hazardous Decomposition Products:</b>	Irritating vapors
<b>Stability:</b>	Stable under normal storage conditions
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents
<b>Conditions to Avoid:</b>	Heat, sparks, ignition sources

## 11. TOXICOLOGICAL INFORMATION

1,2,4-trimethylbenzene(95-63-6)	
Oral LD50 (rat):	6000 mg/kg
Alkyl quaternary ammonium bentonite(68953-58-2)	
ACGIH TWA (respirable dust):	0.025 mg/m <sup>3</sup>
OSHA PEL (respirable dust):	10 mg/m <sup>3</sup> (%SiO <sub>2</sub> +2)
OSHA PEL (total dust):	30 mg/m <sup>3</sup> (%SiO <sub>2</sub> +2)
Distillates (petroleum), hydrotreated light(64742-47-8)	
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	>5 mg/L
Oral LD50 (rat):	>5000 mg/kg
Ethylbenzene(100-41-4)	
Dermal LD50 (rabbit):	15433 mg/kg
Oral LD50 (rat):	3500 mg/kg
Iron (III) oxide(1309-37-1)	
Oral LD50 (rat):	>10000 mg/kg
Methyl ethyl ketoxime(96-29-7)	
Inhalation LC50 (rat, 4 hrs):	>4.83 mg/L
Oral LD50 (rat):	2326 mg/kg
Subcutaneous LD50 (rat):	2702 mg/kg
Solvent naphtha, light aromatic(67472-95-6)	
Dermal LD50:	>3160 mg/kg
Oral LD50:	>3000 mg/kg
Stoddard solvent (mineral spirits)(8052-41-3)	
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	>5 mg/L
Oral LD50 (rat):	>5000 mg/kg
Zinc oxide(1314-13-2)	
Inhalation LC50 (mouse):	2500 mg/m <sup>3</sup>
Oral LD50 (mouse):	7950 mg/kg

<b>Primary Routes of Exposure:</b>	Eye contact, skin contact, inhalation
<b>Acute Toxicity:</b>	Repeated or prolonged exposure may lead to permanent brain and nervous system damage. Inhalation of concentrated vapors may lead to death.

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	Irritation
<b>Skin Contact:</b>	Irritation, dermatitis
<b>Inhalation:</b>	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
<b>Ingestion:</b>	Irritation of mucous membranes, pulmonary injuries if breathed in during ingestion or vomiting
<b>Target Organ (Single Exposure):</b>	No information available
<b>Target Organ (Repeated Exposure):</b>	No information available
<b>Sensitization:</b>	No information available
<b>Carcinogenicity:</b>	No information available
<b>Mutagenicity:</b>	No information available
<b>Reproductive Toxicity:</b>	No information available
<b>Other:</b>	No information available

## 12. ECOLOGICAL INFORMATION

1,2,4-trimethylbenzene(95-63-6)	
Flow-through LC50 (fathead minnow, 96 hrs):	7.72 mg/L
Static EC50 (water flea, 48 hrs):	3.6 mg/L
Ethylbenzene(100-41-4)	
Biodegradability (aerobic, 28 days):	70-80%
Flow-through LC50 (Atlantic silverside, 96 hrs):	5.1 mg/L
Static EC50 (Skeletonema costatum, 72 hrs):	4.9 mg/L
Static EC50 (water flea, 48 hrs):	1.8-2.4 mg/L
Methyl ethyl ketoxime(96-29-7)	
BCF (carp, 42 days, 2 mg/L):	0.5-0.6
Semi-static LC50 (Oryzias latipes, 96 hrs):	>100 mg/L
Static EC50 (freshwater algae, 72 hrs):	11.8 mg/L
Static EC50 (water flea, 48 hrs):	201 mg/L
Stoddard solvent (mineral spirits)(8052-41-3)	
Chronic growth NOELR (aquatic vertebrates):	2.6 mg/L
Chronic reproduction EL50 (water flea):	10 mg/L
Chronic reproduction NOELR (water flea):	2.6 mg/L
Chronic survival NOELR (aquatic vertebrates):	2.6 mg/L
Chronic survival NOELR (water flea):	16 mg/L
EL50 (oncorhynchus mykiss, 48 hrs):	32 mg/L
EL50 (scenedesmus subspicatus, 96 hrs):	45 mg/L
LL50 (oncorhynchus mykiss, 96 hrs):	8.2 mg/L
Zinc oxide(1314-13-2)	
EC50 (water flea, 48 hrs):	0.098 mg/L
LC50 (rainbow trout, 96 hrs):	1.1 mg/L

<b>Ecotoxicological Effects:</b>	The environmental impact of this substance has not been fully evaluated
<b>Persistence/Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Other Effects:</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations.
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## 14. TRANSPORT INFORMATION

<b>DOT</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	III

<b>ICAO/IATA</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263



<b>Packing Group:</b>	III
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<b>IMDG/IMO</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	III

## 15. REGULATORY INFORMATION

<b>TSCA (US):</b>	Not all components are listed
<b>DSL/NDSL (Canada):</b>	Not all components are listed

<b>311/312 Hazard Categories</b>	
<b>Fire:</b>	Yes
<b>Pressure Generating:</b>	No
<b>Reactivity:</b>	No
<b>Acute:</b>	Yes
<b>Chronic:</b>	Yes

<b>CERCLA Section 302 Reportable Quantities:</b>	Ethylbenzene, 1000 lbs Xylenes (isomers and mixture), 100 lbs
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<b>SARA 313</b>			
<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
Xylenes (isomers and mixture)	1330-20-7	5	1.0
1,2,4-trimethylbenzene	95-63-6	5	1.0
Ethylbenzene	100-41-4	1	0.1

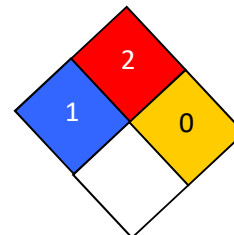
<b>State Right-to-Know</b>					
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Calcium carbonate	1317-65-3	X	X	X	X
Talc	14807-96-6	X	X	X	X
Stoddard solvent (mineral spirits)	8052-41-3	X	X	X	X
Iron (III) oxide	1309-37-1	X	X	X	X
Xylenes (isomers and mixture)	1330-20-7	X	X	X	X
Zinc oxide	1314-13-2	X	X	X	X
1,2,4-trimethylbenzene	95-63-6	X	X	X	
Ethylbenzene	100-41-4	X	X	X	X
Crystalline silica	14808-60-7		X	X	X
Hydrous alumino silicate	8031-18-3		X	X	
Methyl ethyl ketoxime	96-29-7		X	X	

<b>California Proposition 65:</b>	This product contains small amounts of materials known to the state of California to cause cancer or reproductive harm
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## 16. OTHER INFORMATION

HMIS RATING	
Health:	1*
Flammability:	2
Reactivity:	0
Personal Protection:	--

### NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

<b>Revision Indicator:</b>	Revised 5/2/2018
<b>Disclaimer:</b>	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.