SAFETY DATA SHEET

1018 - ALKYD RUST INHIBIT PRIMR - WHITE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	1018 - ALKYD RUST INHIBIT PRIMR - WHITE
Product Code:	1018
Product Use:	Primer

Manufacturer
Richards Paint
200 Paint Street
Rockledge, Florida,
18004320983

24 Hour Emergency Telephone Number
CHEMTEL (US): (800)255-3924
CHEMTEL (International): (813)248-0585

2. HAZARDS IDENTIFICATION

Classification:	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
Signal Word:	Danger
Pictograms:	
Hazard Statements:	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

Prevention Precautionary Statements:	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/eye protection P281: Use personal protective equipment as required
Response Precautionary Statements:	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 CO2, dry chemical, or foam to extinguish P363: Wash contaminated clothing before reuse P331: Do NOT induce vomiting
Storage Precautionary Statements:	P405: Store locked up P403+235: Store in a well ventilated place. Keep cool.
Disposal Precautionary Statements:	P501: Dispose of contents/container to an approved waste disposal plant
Hazards Not Otherwise Classified:	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
Titanium dioxide	10% to 20%	13463-67-7
Medium aliphatic solvent naphtha (petroleum)	10% to 20%	64742-88-7
Distillates (petroleum), hydrotreated light	10% to 20%	64742-47-8
Zinc oxide	1% to 5%	1314-13-2
Xylene	1% to 5%	1330-20-7
Calcium borate	1% to 5%	13701-64-9
Talc	1% to 5%	14807-96-6
Propylene eglycol monomethyl ether	0% to 1%	107-98-2
Nonane	0% to 1%	111-84-2

Ethylbenzene	0% to 1%	100-41-4
Silicon dioxide	0% to 1%	7631-86-9
Crystalline silica	0% to 1%	14808-60-7
Alkyl quaternary ammonium bentonite	0% to 1%	68953-58-2

4. FIRST AID MEASURES

General Advice:	Call a physician if symptoms persist. Show SDS to physician.
Eyes:	Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 15 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
Skin:	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
Ingestion:	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.
Inhalation:	Move to fresh air. Consult a physician if necessary. If not breathing, give artificial respiration and consult a physician immediately.
Most Important Symptoms/Effects:	May cause allergic skin reaction
Notes to Physician:	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Foam, dry powder, CO2, water spray. Use measures suitable to the circumstances and environment.
Precautions for Firefighters:	Wear self-contained breathing apparatus and protective gear
Specific Hazards:	Product is combustible. Thermal decomposition may release irritating gases/vapors. Sealed containers may rupture if exposed to high temperatures.
Mechanical Impact Sensitivity:	No
Static Discharge Sensitivity:	Yes

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove all sources of ignition. Use proper personal protective equipment. Avoid breathing vapors.
Other Precautions:	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.
Clean-Up Method:	Soak up with inert absorbent material. Dispose of used absorbent in suitable properly labeled containers. Thoroughly clean contaminated surface.

7. HANDLING AND STORAGE

Handling Precautions:	Wear suitable personal protective equipment. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources. Do not breathe vapors. Use only in areas with sufficient ventilation.
Storage Precautions:	Keep container properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources.
Incompatible Materials:	Strong acids, strong bases, strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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
Propylene eglycol 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
Nonane(111-84-2)		
ACGIH TWA:	200 ppm	--
NIOSH TWA:	200 ppm	1050 mg/m3
OSHA TWA:	200 ppm	1050 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	--
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)
Xylene(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m3
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft3	80 mg/m3/%SiO2
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m3	OSHA: 15 mg/m3
Talc(14807-96-6)		
ACGIH TWA:	2 mg/m3	--
NIOSH TWA:	2 mg/m3	--
OSHA TWA:	20 mppcf	--
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	--

Engineering Measures:	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
Hygiene Measures:	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.
Eye/Face Protection:	Safety glasses/goggles
Skin Protection:	Protective gloves and long-sleeved protective clothing
Respiratory Protection:	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

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

10. STABILITY AND REACTIVITY

Reactivity:	Not applicable
Possibility of Hazardous Reactions:	None under normal conditions of use

Hazardous Decomposition Products:	Irritating vapors
Stability:	Stable under normal conditions
Incompatible Materials:	Strong acids, strong bases, strong oxidizing agents
Conditions to Avoid:	Heat, sparks, ignition sources

11. TOXICOLOGICAL INFORMATION

Ethylbenzene(100-41-4)	
Dermal LD50 (rabbit):	15433 mg/kg
Oral LD50 (rat):	3500 mg/kg
Propylene eglycol monomethyl ether(107-98-2)	
Dermal LD50 (rabbit):	13000 mg/kg
Inhalation LC50 (rat, 5 hrs):	10000 ppm
Oral LD50 (mouse):	11700 mg/kg
Nonane(111-84-2)	
Inhalation LC50 (rat, 4 hrs):	23760 mg/m3
Zinc oxide(1314-13-2)	
Inhalation LC50 (mouse):	2500 mg/m3
Oral LD50 (mouse):	7950 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
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
Medium aliphatic solvent naphtha (petroleum)(64742-88-7)	
Dermal LD50 (rat):	>2000 mg/kg
Oral LD50 (rat):	>2000 mg/kg
Alkyl quaternary ammonium bentonite(68953-58-2)	
ACGIH TWA (respirable dust):	0.025 mg/m3
OSHA PEL (respirable dust):	10 mg/m3 (%SiO2+2)
OSHA PEL (total dust):	30 mg/m3 (%SiO2+2)

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

Exposure Effects	
Eye Contact:	Irritation
Skin Contact:	Irritation, dermatitis
Inhalation:	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
Ingestion:	Irritation of mucous membranes, pulmonary injuries if breathed in during ingestion or vomiting

Target Organ (Single Exposure):	No information available
Target Organ (Repeated Exposure):	No information available
Sensitization:	May cause allergic skin reaction
Neurological Effects:	No information available
Mutagenicity:	No information available
Reproductive Effects:	No information available
Developmental Effects:	No information available
Other:	No information available

12. ECOLOGICAL INFORMATION

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
Nonane(111-84-2)	
Static EC50 (water flea, 48 hrs):	0.2 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
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 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

Ecotoxicological Effects:	The environmental impact of this substance has not been fully evaluated
Acute Toxicity to Fish:	No information available
Acute Toxicity to Marine Invertebrates:	No information available
Acute Toxicity to Marine Plants:	No information available
Persistence/ Degradability:	No information available
Bioaccumulative Potential:	No information available
Environmental Mobility:	No information available
Ozone:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations.

14. TRANSPORT INFORMATION

DOT	
Shipping Name:	Paint
Hazard Class:	3
UN No:	1263
Packing Group:	III
Reportable Quantity:	Xylene, 100 lbs

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

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

15. REGULATORY INFORMATION

TSCA (US):	All components are listed or exempt
DSL (Canada):	All components are listed or exempt

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

SARA 313			
Chemical Name	**CAS Number**	**Max Weight %**	**de minimis limit**
Ethylbenzene	100-41-4	1	0.1
Xylene	1330-20-7	5	1.0

State Right-to-Know					
Chemical Name	**CAS Number**	**MA**	**NJ**	**PA**	**RI**
Propylene eglycol monomethyl ether	107-98-2	X	X	X	
Ethylbenzene	100-41-4	X	X	X	
Calcium carbonate	1317-65-3	X	X	X	
Zinc oxide	1314-13-2	X	X	X	

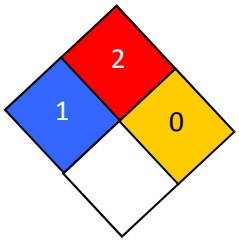
Xylene	1330-20-7	X	X	X	
Silicon dioxide	7631-86-9	X	X	X	
Titanium dioxide	13463-67-7	X	X	X	X
Talc	14807-96-6	X	X	X	
Crystalline silica	14808-60-7	X	X	X	X
Medium aliphatic solvent naphtha (petroleum)	64742-88-7		X		

California Proposition 65:	This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm

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.

Revision Indicator:	Revised 5/26/2016
Disclaimer:	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.