SAFETY DATA SHEET

1120 - RUST INHIBITIVE UNIV. PRIMER OYSTER

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	1120 RUST INHIBITIVE UNIV. PRIMER OYSTER
Product Code:	1120
Product Use:	Primer

Manufacturer
Richard's Paint
200 Paint Street
Rockledge, Florida,
800-432-0983

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 (Single Exposure): Category 3 Aspiration Toxicity: Category 1 Flammable Liquid: Category 3 Carcinogenicity: Category 2
Signal Word:	Danger
Pictograms:	
Hazard Statements:	H226: Flammable liquid and vapor H304: May be fatal if swallowed and enters airways H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H351: Suspected of causing cancer

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 P261: Avoid breathing 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 P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection
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. P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P308+313: IF exposed: Call a POISON CENTER or doctor/physician P332+313: If skin irritation occurs: Get medical advice/attention P362+364: Take off contaminated clothing and wash it before reuse P370+378: In case of fire: Use CO2, dry chemical, or foam to extinguish P331: Do NOT induce vomiting P312: Call a POISON CENTER/doctor if you feel unwell P314: Get medical advice/attention if you feel unwell
Storage Precautionary Statements:	P405: Store locked up P403+233: Store in a well ventilated place. Keep container tightly closed. 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:	None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Calcium carbonate	20% to 30%	1317-65-3
Solvent naptha, light aromatic	20% to 30%	67472-95-6
2-pentanone	5% to 10%	107-87-9
Titanium dioxide	5% to 10%	13463-67-7
Zinc phosphate	1% to 5%	7779-90-0
1,2,4-trimethylbenzene	1% to 5%	95-63-6
Talc	1% to 5%	14807-96-6
Xylenes (isomers and mixture)	1% to 5%	1330-20-7
Butyl acetate	1% to 5%	123-86-4
Methyl isobutyl ketone	1% to 5%	108-10-1

Reaction mass of octadecanamide	0% to 1%	198028-14-7
Alkyl quaternary ammonium bentonite	0% to 1%	68953-58-2
Silicon dioxide	0% to 1%	7631-86-9
Methyl ethyl ketoxime	0% to 1%	96-29-7

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 10 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. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
Most Important Symptoms/Effects:	Drowsiness, dizziness, irritation, lung edema
Notes to Physician:	May cause chemical pneumonitis if aspirated

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. Explosive vapors may collect in low or confined areas.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove all sources of ignition. Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. 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 non-combustible absorbent material. Dispose of used absorbent in suitable containers. Thoroughly clean contaminated surface.

7. HANDLING AND STORAGE

Handling Precautions:	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.

Storage Precautions:	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.
Incompatible Materials:	Strong acids, oxidizers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1,2,4-trimethylbenzene(95-63-6)		
ACGIH TWA:	25 ppm	--
NIOSH TWA:	25 ppm	125 mg/m3
2-pentanone(107-87-9)		
ACGIH STEL:	150 ppm	--
NIOSH TWA:	150 ppm	530 mg/m3
OSHA TWA:	200 ppm	700 mg/m3
Butyl acetate(123-86-4)		
ACGIH STEL:	200 ppm	--
ACGIH TWA:	150 ppm	--
NIOSH ST:	200 ppm	950 mg/m3
NIOSH TWA:	150 ppm	710 mg/m3
OSHA TWA:	150 ppm	710 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)
Methyl ethyl ketoxime(96-29-7)		
WEEL TWA:	10 ppm	--
Methyl isobutyl ketone(108-10-1)		
ACGIH STEL:	75 ppm	--
ACGIH TWA:	20 ppm	--
OSHA STEL:	75 ppm	300 mg/m3
OSHA TWA:	50 ppm	205 mg/m3
Reaction mass of octadecanamide(198028-14-7)		
ACGIH TWA:	10 mg/m3 (inhalable)	3 mg/m3 (respirable)
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft3	80 mg/m3/%SiO2
Solvent naptha, light aromatic(67472-95-6)		
ACGIH:	100 ppm	--
OSHA:	100 ppm	--
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

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:	Respiratory equipment if ventilation is inadequate

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Off-white
Odor:	Solvent
Odor Threshold:	No information available
pH:	No information available
Melting Point (°F):	No information available
Boiling Point (°F):	214.0 -221
Flash Point (°F):	45.00
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):	73-75

10. STABILITY AND REACTIVITY

Reactivity:	No information available
Possibility of Hazardous Reactions:	Vapors may form explosive mixture with air
Hazardous Decomposition Products:	Carbon oxides
Stability:	Stable under normal storage conditions
Incompatible Materials:	Strong acids, oxidizers
Conditions to Avoid:	Heat, sparks, ignition sources

11. TOXICOLOGICAL INFORMATION

1,2,4-trimethylbenzene(95-63-6)	
Oral LD50 (rat):	6000 mg/kg
2-pentanone(107-87-9)	
Dermal LD50 (rabbit):	6500 mg/kg
Inhalation LC50 (rat, 4 hrs):	>25.5 mg/L
Oral LD50 (rat):	1600-3200 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)
Butyl acetate(123-86-4)	
Dermal LD50 (rabbit):	>14112 mg/kg
Inhalation LC50 (rat, 4 hrs):	>21 mg/L
Oral LD50 (rat):	10760 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
Methyl isobutyl ketone(108-10-1)	
Dermal LD50 (rabbit):	>16000 mg/kg
Inhalation LC50 (rat, 4 hrs):	8.2-16.4 mg/m3
Oral LD50 (rat):	2080 mg/kg
Silicon dioxide(7631-86-9)	
Oral LD50 (rat):	3160 mg/kg
Solvent naptha, light aromatic(67472-95-6)	
Dermal LD50:	>3160 mg/kg
Oral LD50:	>3000 mg/kg
Titanium dioxide(13463-67-7)	
Dermal LD50 (rabbit):	>10000 mg/kg
Oral LD50 (rat):	>10000 mg/kg
Zinc phosphate(7779-90-0)	
Intraperitoneal LD50 (mouse):	552 mg/kg
Oral LD50 (rat):	>5000 mg/kg

Primary Routes of Exposure:	Eye contact, skin contact, inhalation
Acute Toxicity:	No information available

Exposure Effects	
Eye Contact:	Irritation
Skin Contact:	Irritation, drying
Inhalation:	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
Ingestion:	Risk of lung edema
Target Organ (Single Exposure):	No information available
Target Organ (Repeated Exposure):	No information available
Sensitization:	No information available
Carcinogenicity:	No information available
Mutagenicity:	No information available
Reproductive Toxicity:	No information available

Other:	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
2-pentanone(107-87-9)	
Biodegradability (aerobic, 28 days):	70%
Flow-through LC50 (fathead minnow, 96 hrs):	1240 mg/L
Growth inhibition EC50 (Pseudokirchneriella subcapitata, 72 hrs):	>150 mg/L
Immobilization EC50 (water flea, 48 hrs):	>110 mg/L
Butyl acetate(123-86-4)	
Biodegradability (aerobic, 28 days):	83%
Flow-through LC50 (fathead minnow, 96 hrs):	18 mg/L
Static EC50 (Scenedesmus subspicatus, 72 hrs):	674.7 mg/L
Static EC50 (water flea, 48 hrs):	44 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
Methyl isobutyl ketone(108-10-1)	
EC50 (green algae, 48 hrs):	980-2000 mg/L
EC50 (water flea, 24 hrs):	1550-3623 mg/L
LC0 (Leuciscus idus melanotus, 48 hrs):	480 mg/L
Reaction mass of octadecanamide(198028-14-7)	
Biodegradation (28 days):	63%
EC20 (activated sludge, 3 hrs):	>1.000 mg/L
EC50 (water flea, 48 hrs):	94.9 mg/L
Growth inhibition EC10 (psudeokirchneriella subcapitata, 72 hrs):	37 mg/L
Growth inhibition EC50 (pseudokirchneriella subcapitata, 72 hrs):	43.2 mg/L
LC50 (rainbow trout, 96 hrs):	>100 mg/L
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 mg/L
Zinc phosphate(7779-90-0)	
LC50 (rainbow trout, 96 hrs):	0.09 mg/L

Ecotoxicological Effects:	Expected to be toxic to aquatic organisms and the aquatic environment
Persistence/ Degradability:	No information available
Bioaccumulative Potential:	No information available
Environmental Mobility:	No information available
Other Effects:	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

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):	Not all components are listed
DSL/NDSL (Canada):	Not all components are listed

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

CERCLA Section 302	
Reportable Quantities:	Methyl isobutyl ketone, 5000 lbs Butyl acetate, 5000 lbs Xylenes (isomers and mixture), 100 lbs

SARA 313

Chemical Name	CAS Number	Max Weight %	de minimis limit
1,2,4-trimethylbenzene	95-63-6	5	1.0
Xylenes (isomers and mixture)	1330-20-7	5	1.0
Methyl isobutyl ketone	108-10-1	5	1.0

State Right-to-Know

Chemical Name	CAS Number	MA	NJ	PA	RI
Calcium carbonate	1317-65-3	X	X	X	X

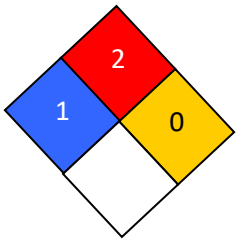
2-pentanone	107-87-9	X	X	X	X
Titanium dioxide	13463-67-7	X	X	X	X
Zinc phosphate	7779-90-0		X	X	
1,2,4-trimethylbenzene	95-63-6	X	X	X	
Talc	14807-96-6	X	X	X	X
Xylenes (isomers and mixture)	1330-20-7	X	X	X	X
Butyl acetate	123-86-4	X	X	X	X
Methyl isobutyl ketone	108-10-1	X	X	X	X
Silicon dioxide	7631-86-9	X	X	X	
Methyl ethyl ketoxime	96-29-7		X	X	

California Proposition 65:	This product contains 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 12/13/2016
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.