

SAFETY DATA SHEET



1011 - ALUMINUM


1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	1011 - ALUMINUM
Product Code:	1011
Product Use:	Paint

Manufacturer
Richard's Paint
200 Paint Street
Rockledge, FL 32955
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:	<p>P201: Obtain special instructions before use</p> <p>P202: Do not handle until all safety precautions have been read and understood</p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.</p> <p>P233: Keep container tightly closed</p> <p>P240: Ground/bond container and receiving equipment</p> <p>P241: Use explosion-proof electrical/ventilating/lighting equipment</p> <p>P242: Use only non-sparking tools</p> <p>P243: Take precautionary measures against static discharge</p> <p>P261: Avoid breathing dust/fumes/gas/mist/vapors/spray</p> <p>P264: Wash face, hands and any exposed skin thoroughly after handling</p> <p>P270: Do not eat, drink, or smoke when using this product</p> <p>P271: Use only outdoors or in a well-ventilated area</p> <p>P280: Wear protective gloves/eye protection</p>
Response Precautionary Statements:	<p>P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician</p> <p>P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing</p> <p>P308+313: IF exposed: Call a POISON CENTER or doctor/physician</p> <p>P332+313: If skin irritation occurs: Get medical advice/attention</p> <p>P362+364: Take off contaminated clothing and wash it before reuse</p> <p>P370+378: In case of fire: Use CO₂, dry chemical, or foam to extinguish</p> <p>P331: Do NOT induce vomiting</p> <p>P312: Call a POISON CENTER/doctor if you feel unwell</p> <p>P314: Get medical advice/attention if you feel unwell</p>
Storage Precautionary Statements:	<p>P405: Store locked up</p> <p>P403+233: Store in a well ventilated place. Keep container tightly closed.</p> <p>P403+235: Store in a well ventilated place. Keep cool.</p>
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
Solvent naptha, light aromatic	20% to 30%	67472-95-6
Medium aliphatic solvent naphtha (petroleum)	10% to 20%	64742-88-7
Petroleum hydrocarbon resin	10% to 20%	64742-16-1
1,2,4-trimethylbenzene	5% to 10%	95-63-6
Aluminum	5% to 10%	7429-90-5
Xylene	1% to 5%	1330-20-7
Stoddard solvent (mineral spirits)	1% to 5%	8052-41-3
Aliphatic hydrocarbons	1% to 5%	64742-95-6
Cumene	0% to 1%	98-82-8

Ethylbenzene	0% to 1%	100-41-4
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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. 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:	Drowsiness, dizziness, irritation, lung edema
Notes to Physician:	May cause chemical pneumonitis if aspirated

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Foam, dry powder, CO ₂ , 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.
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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, oxidizers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1,2,4-trimethylbenzene(95-63-6)		
ACGIH TWA:	25 ppm	--
NIOSH TWA:	25 ppm	125 mg/m3
Cumene(98-82-8)		
ACGIH TWA:	50 ppm	--
NIOSH TWA:	50 ppm	245 mg/m3
OSHA TWA:	50 ppm	245 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
Xylene(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m3
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
Solvent naptha, light aromatic(67472-95-6)		
ACGIH:	100 ppm	--
OSHA:	100 ppm	--

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:	Silver
Odor:	Solvent
Odor Threshold:	No information available
pH:	No information available

Melting Point (°F):	No information available
Boiling Point (°F):	277.0 -354
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:	No information available
Possibility of Hazardous Reactions:	Vapors may form explosive mixture with air
Hazardous Decomposition Products:	Carbon oxides
Stability:	Stable under normal 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
Cumene(98-82-8)	
NOAEL feed (rat):	>535.8 mg/kg
Oral LD50 (rat):	2260 mg/kg
Ethylbenzene(100-41-4)	
Dermal LD50 (rabbit):	15433 mg/kg
Oral LD50 (rat):	3500 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
Medium aliphatic solvent naphtha (petroleum)(64742-88-7)	
Dermal LD50 (rat):	>2000 mg/kg
Oral LD50 (rat):	>2000 mg/kg
Aliphatic hydrocarbons(64742-95-6)	
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	10-20 ppm
Oral LD50 (rat):	>2000 mg/kg
Solvent naphtha, light aromatic(67472-95-6)	
Dermal LD50:	>3160 mg/kg
Oral LD50:	>3000 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
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

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
Cumene(98-82-8)	
EC50 (green algae, 72 hrs):	2.6 mg/L
EC50 (water flea, 48 hrs):	2.14 mg/L
LC50 (rainbow trout, 96 hrs):	4.8 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
Aluminum(7429-90-5)	
BCF:	36

Bioaccumulation (Salvelinus fontinalis, 56 days):	268 µg/L
LC50 (rainbow trout, 96 hrs):	0.12 mg/L
Mortality LOEC (Ctenopharyngodon idella, 96 hrs):	0.1 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 (oncorhynrus mykiss, 48 hrs):	32 mg/L
EL50 (scenedesmus subspicatus, 96 hrs):	45 mg/L
LL50 (oncorhynrus mykiss, 96 hrs):	8.2 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:	Expected to be toxic to aquatic organisms and the aquatic environment
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.
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14. TRANSPORT INFORMATION

DOT	
Shipping Name:	Paint
Hazard Class:	3
UN No:	1263
Packing Group:	III
Reportable Quantity:	Xylene, 100 lbs Cumene, 5000 lbs

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

Packing Group:	III
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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):	Not all components are listed

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

SARA 313			
Chemical Name	CAS Number	Max Weight %	de minimis limit
1,2,4-trimethylbenzene	95-63-6	10	1.0
Ethylbenzene	100-41-4	1	0.1
Xylene	1330-20-7	5	1.0
Aluminum	7429-90-5	10	1.0

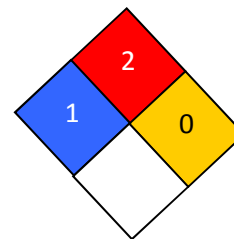
State Right-to-Know					
Chemical Name	CAS Number	MA	NJ	PA	RI
Cumene	98-82-8	X	X	X	
1,2,4-trimethylbenzene	95-63-6	X	X	X	
Xylene	1330-20-7	X	X	X	
Aluminum	7429-90-5	X	X	X	
Stoddard solvent (mineral spirits)	8052-41-3	X	X	X	X
Medium aliphatic solvent naphtha (petroleum)	64742-88-7		X		

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

Revision Indicator:	Revised 5/27/2016
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.