

1. IDENTIFICATION

Product Name: RejeX[®]
Product Numbers: 61001, 61002, 61004, 61005
Product Type and Use: Coating / Protectant
Revision Date: 19 June 2019
Supersedes Date: 8 October 2015

Manufacturer: U.S. Corrosion Technologies, LLC
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2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

Skin Corrosion/Irritation Category 2
Eye Irritation Category 2B

Physical Hazard(s)

Flammable liquid Category 4

Hazard(s) not otherwise classified

None

Labeling

Signal Word:

WARNING

Pictograms:

Exclamation mark



Statements of Hazard

Hazard Statements

Combustible liquid
Causes skin and eye irritation

Precautionary Statements

Keep away from flames and hot surface – no smoking. Wear protective gloves. Do not breathe vapors. Use only outdoors or in a well-ventilated area. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. In case of fire: use dry chemical or foam for extinction. Store in a well-ventilated place and keep cool. FIRST AID: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Distillates, petroleum, hydrotreated light	64742-47-8	20-30*
Stoddard Solvent	8052-41-3	1-5*
Propan-2-ol	67-63-0	1-5*
Proprietary Siloxanes	Trade Secret	5-10*

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Causes skin and eye irritation. Avoid skin and eye contact. Avoid breathing vapors. Use with adequate ventilation. Keep container closed.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

Skin Contact: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs: get medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

Ingestion: Give water, DO NOT induce vomiting. No treatment necessary unless large quantities are ingested, then seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Product does not support combustion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Alcohol, Alcohol based solutions

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire-exposed containers with water spray.

Unusual Fire and Explosion Hazards: None known.

Hazardous Combustion/ Decomposition Products: Oxides of carbon, silicone and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment.

Methods and materials for containment and cleaning up: Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (if permitted by local sewer regulations). Dike and contain large spills with inert absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer liquid to a properly labeled container for recovery or disposal. Use clean tools to collect absorbed material and transfer to a properly labeled container for recovery or disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Avoid skin and eye contact. Use with adequate ventilation. Avoid breathing vapor. Follow all SDS/label precautions.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Keep container tightly closed when not in use. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Component	ACGIH		OSHA		STEL ppm	STEL mg/m3
	TLV ppm	TLV mg/m3	PEL ppm	PEL mg/m3		
Distillates, petroleum, hydrotreated light	100	525	-	-	-	-
Stoddard Solvent	100	350	-	-	-	1800
Propan-2-ol	200	980	400	980	400	-
Proprietary Siloxanes	10**	-	-	-	-	-

**Manufacturers recommended exposure limit

Engineering Controls: Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation, wear a suitable NIOSH approved air purifying respirator.

Hand / Skin Protection: Wear impermeable gloves such as neoprene or nitrile rubber gloves.

Eye / Face Protection: Safety glasses with side-shields. An eyewash station should be available to the area of use.

General Hygiene Measures: Avoid skin and eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use. An eyewash station and washing facilities should be readily accessible to the area of use. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque	Autoignition Temperature:	453 °F / 234 °C
Physical State:	Semi-viscous liquid	Volatile (% by volume):	>83
Odor:	Petroleum	Vapor Density (Air=1):	5.4
Color:	White	Evaporation Rate (BuAc= 1):	<1
Viscosity, cSt @ 40°C:	Not established	Vapor Pressure (mmHg @23 °C):	0.32
cSt @ 100°C:	Not established	Solubility in water:	Emulsifiable
pH:	Not established	Octanol/Water Partition:	Not established
Boiling Point/ Range:	>200 °F / 93 °C	VOC Content (g/L):	5 (50)
Melting Point:	>32 °F / 0 °C	Specific Gravity (@15.6 °C):	0.94
Flash Point:	145 °F / 63 °C	Pour Point:	>32 °F / 0 °C
Method:	Pensky Martens Closed Cup	Non-volatile (% by Volume):	<17
Lower Explosive Limit, vol %:	0.7	Dielectric Strength:	Not applicable
Upper Explosive Limit, vol %:	7.0		

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Keep from freezing.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Leather, unsealed wood, and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: Not established

Ingredient Information

Distillates, petroleum, hydrotreated light: LD50 Skn-rbt 2,000-4,000 mg/kg, LC50 Ihl-rat >4.3 mg/L 4H, LD50 Ori-rat >5,000 mg/kg

Stoddard Solvent: LD50 Skn-rbt >5,000 mg/kg, LC50 Ihl-rat >5.5 mg/L 4H, LD50 Ori-rat >5,000 mg/kg

Propan-2-ol: LD50 Skn-rbt >5,000 mg/kg, LC50 Ihl-rat 72.6 mg/L 4H, LD50 Ori-rat >5,000 mg/kg

Acute Effects

Signs and Symptoms of Overexposure: Skin and eye irritation, Coughing/Sneezing, Dizziness, Drowsiness

Inhalation: Vapor may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing.

Prolonged or repeated inhalation may cause dizziness and drowsiness.

Skin Contact: May cause irritation seen as itching and redness.

Eye Contact: May cause tearing and redness.
Ingestion: May cause pain, nausea, vomiting and diarrhea.
Primary Route(s) of Exposure: Eyes, Skin, Inhalation
Primary Route(s) of Entry: Inhalation, Ingestion
Target Organs: Skin, eyes, lungs, Central Nervous System
Chronic Effects: None known
Carcinogenicity: None known
Medical Conditions Aggravated by Exposure: May aggravate existing skin, eye and respiratory conditions including asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not established

Ingredient Data

Propan-2-ol: Toxicity to Fish: LC50 Fathead minnow (pimephales promelas): 5,770 mg/L 96 h; Toxicity to Daphnia: LC50 Water flea (Daphnia magna): >10 g/L 24 h

Elimination Information: Propan-2-ol log Kow: 0.05

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local regulations.

Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

Road Transport

DOT Hazard Class: Non-Regulated

Sea Transport

IMDG/GGV See Class: Non-Regulated

Air Transport

ICAO/IATA Class: Non-Regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components are included on the Inventory

Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
X	-	-	-	-

New Zealand

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

HSNO classification: 3.1D, 6.3A, 6.4A

HSNO approval: Surface Coatings and Colourants (Combustible) Group Standard 2017 - HSR002657

Not classified as a Dangerous Good according to NZS5433:2007 Transport of Dangerous Goods on Land.

NZIoC (New Zealand Inventory of Chemicals): All components are listed on the NZIoC inventory or are exempt.

16. OTHER INFORMATION

Prepared by: Corrosion Technologies, Technical Services Department

Revision Indicator: v1.2 Format changes

National Fire Protection Association (704)

Health: 1 Flammability: 2 Reactivity: 0 Other: -

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: U. S. Corrosion Technologies, LLC (972) 271-7361.