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8am to 5pm Phone: (517) 351-5900
 24-Hour Emergency Phone: 1-888-354-3323

Effective Date: 3/17/04

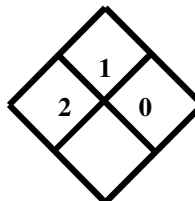
Material Safety Data Sheet

MSDS No: 31675

1. PRODUCT IDENTIFICATION

Trade Name: RenLease 76

Chemical Family: Fluoropolymer Dispersion



NFPA RATING

Health:	2
Flammability:	1
Reactivity:	0
Personal Protection:	

HMIS RATING

Synonyms:
 RP 76

Intended Use or Product Type: Mold release agent

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				MFR.	CARCINOGEN STATUS		
			ACGIH		OSHA			IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	115-10-6	Methane, Oxybis- Common Name: Dimethyl ether	NE	NE	NE	NE	AEL 1000 ppm	NR	NR	NR
*	811-97-2	Ethane, 1,1,1,2-Tetrafluoro- Common Name: 1,1,1,2-Tetrafluoroethane	NE	NE	NE	NE	AEL 1000 ppm	NR	NR	NR

* = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION

Emergency Overview: Contents under pressure. Vapor or gas reduces oxygen available for breathing. Skin contact may freeze tissue. Misuse by concentrating and inhaling the contents can be harmful or fatal. Causes eye, skin, and respiratory irritations.

Primary Route(s) of Entry: Dermal; heated product may produce inhalable vapors.

4. FIRST AID MEASURES

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Ingestion: If conscious, give 2 - 4 glasses of water to drink. Do not induce vomiting. Call a physician.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Inhalation: Remove to fresh air. Call a physician.

Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician.

Overexposure Effects: May cause freeze burns. High atmospheric concentrations may lead to anesthetic effects, including loss of consciousness. Very high exposures may cause an abnormal heart rhythm and prove suddenly fatal. Higher concentrations may cause asphyxiation due to reduced oxygen content of the atmosphere.

Medical Conditions Aggravated by Exposure: Skin, eye and pulmonary conditions.

5. FIRE FIGHTING MEASURES

Flash Point:	Not Determined
Flammable Limits in Air (Lower - % by volume):	Not established
Flammable Limits in Air (Upper - % by volume):	Not established

Fire Fighting Extinguishing Media: Use media suitable for surrounding fire. Use water spray to cool containers.

Fire Fighting Equipment: Cool uninvolved cans to prevent possible bursting. Use self-contained breathing apparatus.

Fire and Explosion Hazards: Aerosols may burst if exposed to temperatures above 120 degrees F. Contents of aerosol can are under pressure.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Eliminate all sources of ignition. Vapors are heavier than air and may spread long distances or collect in low spots. Remove spillage by absorbing in absorbent material.

7. HANDLING AND STORAGE

Signal Word: Warning!

Precautions: Contents under pressure. Vapor or gas reduces oxygen available for breathing. Skin contact may freeze tissue. Misuse by concentrating and inhaling the contents can be harmful or fatal. Do not puncture or incinerate container. Do not expose to heat or store at temperature above 120 degrees F (49 degrees C). Store indoors out of direct sunlight. Do not enter storage areas unless adequately ventilated. Keep container closed when not in use. Use with adequate ventilation. Causes irritation if inhaled and can cause skin irritation and eye irritation. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Storage Information: Store in a cool, dry area away from direct sunlight. Do not puncture or incinerate can.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Skin Protection: Wear impervious gloves as butyl or neoprene.

Eye Protection: In cases where there is likelihood of eye contact, wear splashproof goggles.

Engineering Controls: Good general mechanical ventilation and local exhaust if needed. Work in well ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless
Odor:	Faint Ethereal
Physical State:	Liquified Gas
Solubility in Water:	Negligible
Vapor Pressure:	10.02 psia at 70°F (21 °C)
Specific Gravity:	Not Applicable
Boiling Point:	Not Applicable
Evaporation Rate:	> 1 (Butyl Acetate = 1)
Vapor Density:	~ 4 (Air = 1)
pH:	Not Determined

Percent Volatile: 100 %

10. STABILITY AND REACTIVITY

Conditions to Avoid: Keep aerosols away from direct sunlight and other heat sources.

Stability: Stable.

Hazardous Decomposition Products: Thermal oxidative decomposition can produce hydrochloric and hydrofluoric acids, carbonyl halides such as phosgene, silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds, formaldehyde.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Inhalation Exposure Effects: Respiratory irritant.

Skin Irritation: Irritant.

Eye Irritation: Irritant.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

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14. TRANSPORT INFORMATION**DOT: Non-Bulk****Proper Shipping Name:** Consumer commodity, orm-d**Department of Transportation:** Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous materials table.**15. REGULATORY INFORMATION****US Federal Regulations:****Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).**TSCA Section 8(b) - Inventory Status:** All chemical components of this product are in compliance with TSCA inventory requirements.**TSCA Section 12(b) - Export Notification:** This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.**State Regulations:****California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.**Pennsylvania Right-to-Know:** The following is required composition information:

Chemical Name: Methane, Oxybis-
Common Name: Dimethyl ether
CAS Number: 115-10-6
Comment: Environmental and Special Hazardous Substance

Chemical Name: Ethane, 1,1,1,2-Tetrafluoro-
Common Name: 1,1,1,2-Tetrafluoroethane
CAS Number: 811-97-2
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Silicone polymer blend
CAS Number: Held confidential by our supplier
Comment: Not on Pennsylvania Hazardous Substance List

16. OTHER INFORMATION

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MSDS No: 31675
Approved By: Dianne Blessing
Title: EH&S Specialist

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