

DISTRIBUTED BY FREEMAN MFG & SUPPLY CO. 800-321-8511

24-Hour Emergency Phone: 1-888-354-3323

Effective Date: 3/17/04

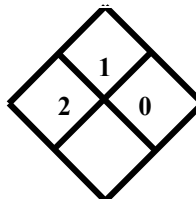
Material Safety Data Sheet

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				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	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

Effective Date: 3/17/04

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

Effective Date: 3/17/04

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.

Effective Date: 3/17/04

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

Effective Date: 3/17/04

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

Disclaimer: The information and recommendations contained herein are based upon tests in controlled laboratory conditions, are believed to be correct, and are provided for the sole purpose of hazard communication as part of Huntsman's product safety program. This product has not been tested for, and therefore is not recommended or suitable for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended or likely, or for uses for which implantation within the human body is intended, and Huntsman assumes no liability for any such uses.

The information and recommendations contained herein are not intended to constitute performance information concerning the product, which is available in separate technical data sheets available from Huntsman upon request. Users are urged, and are urged to urge others who may come in contact with the product, to obtain and consult data sheets prior to purchase, use, transportation or storage of the product.

HUNTSMAN MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. HUNTSMAN'S LIABILITY IS STRICTLY LIMITED TO REIMBURSEMENT OF BUYER'S PURCHASE PRICE, OR IN HUNTSMAN'S DISCRETION REPLACEMENT, OF THE PRODUCT IN RESPECT OF WHICH SUCH CLAIM IS MADE. HUNTSMAN'S LIABILITY IS STRICTLY LIMITED BY LEGAL NOTICES IN TECHNICAL DATA SHEETS, PRODUCT LITERATURE AND/OR SALE DOCUMENTS. The foregoing DISCLAIMERS and LIMITATION OF LIABILITY supercede inconsistent or contradictory provisions in Buyer's documents.

USER SHOULD CONSULT A LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENTAL AGENCY TO DETERMINE THE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT. HUNTSMAN DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.