



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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5617APP

"Zonyl" TM Fluoromonomer
Revised 8-JUN-1995

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"Zonyl" is a registered trademark of DuPont.

Corporate MSDS Number : DU008181

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.
302-774-1000)
Transport Emergency : CHEMTREC 1-800-424-9300 (outside U.S.
703-527-3887)
Medical Emergency : 1-800-441-3637 (outside the U.S.
302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Telomer B Methacrylate	65530-66-7	95-100
Poly(Difluoromethylene), Alpha-Fluoro-Omega-(2-Hydroxyethyl)	65530-60-1	1-5
Poly(Difluoromethylene), Alpha-Fluoro-Omega-(2-Iodoethyl)	71215-70-8	1-5

HAZARDS IDENTIFICATION

Potential Health Effects

Significant skin permeation, and systemic toxicity, after contact appears unlikely. There are no reports of human sensitization.

Inhalation effects may include irritation of the upper respiratory passages, with coughing and discomfort.

(FIRE FIGHTING MEASURES - Continued)

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and lung irritation or toxic effects.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO₂.

Fire Fighting Instructions

Evacuate personnel to a safe area. Wear self-contained breathing apparatus.

Avoid breathing decomposition products.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

Accidental Release Measures

Flush spill area with water.

HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used.

Storage

Keep container tightly closed.

Freezing will affect physical condition but will not damage. Thaw and mix before using. Refrigerate for long-term storage. Keep away from open flames and heated surfaces above 200 degC (392 degF).

(Applicable Exposure Limits - Continued)

Exposure Guideline Comments

No AEL has been established for this product. Other products with fluorinated material components have an AEL of 0.1 mg/m³ to 1 mg/m³ (8 hour TWA) for respirable size aerosol particles.

Air monitoring studies conducted at customer sites indicates that the use of the recommended low pressure (less than 60 psi) airless type, garden type or deck specific hand pump sprayer with spray tip orifice minimum of 0.031 inches in diameter does not produce respirable size aerosol particle concentrations near the AEL.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 210-350 C (410-662 F)
Melting Point	: 50-60 C (122-140 F)
Solubility in Water	: 0 WT%
Odor	: Mild, Acrylic
Form	: Semi-solid
Color	: Yellow to Amber
Specific Gravity	: 1.6

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

Incompatible with peroxides, strong acids, strong bases.

Decomposition

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and lung irritation or toxic effects.

Polymerization

Conditions leading to polymerization are heat and peroxides (or other free radical sources) with little hazard.

Polymerization may occur with peroxides or heat with little hazard. Polymer soluble in monomer and "Freon" 113. Contains inhibitor. Stable at 25 degC (77 degF) for several months.

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating
Health : 2
Flammability : 1
Reactivity : 1

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : MSDS Coordinator
Address : DuPont Chemical Solutions Enterprise
Wilmington, DE 19898
Telephone : 800-441-7515

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS