

MATERIAL SAFETY DATA SHEET



TOLL FREE
1-800-220-1966

RTV MOLD LIFE EXTENDER

PART A

General Information

Date Revised: March 11, 1999
Preparer: Burton Zaslow, Vice President
Product Use: MoldMaking

Product Identity/Ingredients

Material	CAS#	% Conc.	PEL	TLV	Unit	Special Notes
Toluene	108-88-3	84	200	100	PPM	Hazardous

Chemical Family

Polysiloxane and Aromatic Hydrocarbon

Formula

Proprietary

NFPA Ranking and Key

Key: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0=Minus 1
Ranking: 2:Health 1:Reactivity 3:Flammability

Physical Properties

Boiling Point 230°F
Specific Gravity (water = 1) 0.915
Vapor Pressure (mmHg @ 53F) 53
Vapor Density (air = 1) 3.17
Solubility Insoluble in water, soluble in Toluene
Evaporation Rate (butyl acetate = 1) 2.1
Volatiles 84% by volume
Viscosity @ 77°F 1 CST
Color Clear Liquid

Fire and Explosion Information

Flash Point 43°F (Method-T.C.C.)
Flammable Limits in Air LEL 1.0 UEL 7.0
Extinguishing Agents Dry Chemical, Foam, Sand or CO2

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Chemical Concepts

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Health Hazard and Protection Data

Special Precautions:

Health studies have shown that many petroleum Hydrocarbons pose potential human health risks, which may vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

Personal Protection Recommended:

Wear protective goggles to prevent eye contact.
Wear lab coat or other protective clothing and chemical resistant gloves
In confined spaces or areas of poor ventilation, an approved respirator may be required.

Signs and Symptoms of Exposure:

Dizziness, CNS effect, vomiting, nausea, diarrhea, skin or eye irritation
Harmful if swallowed and/or inhaled

Toxicity Data:

OSHA Regulation 29 CFR 1910.1000 requires a TWA of 100PPM and STEL of 150PPM

Ventilation:

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Use explosion-proof ventilation equipment.

First Aid Measures/Procedures:

Eye Contact: Flush with large amount of water until irritation subsides.
Get medical attention.

Skin Contact: Remove contaminated clothing.
Launder before reuse.
Flush with large quantities of water.

Ingestion: Seek medical attention.
Do not induce vomiting.
Give large quantities of water to drink.

Inhalation: Remove to well ventilated area.
If not breathing, give artificial respiration.
Keep at rest, give oxygen
Seek medical attention.

Special Protection Required:

Ventilation Required	Mechanical
Respiratory Protection	Approved NIOSH respiratory protection
Skin Protection	Rubber Gloves
Eye Protection	Safety glasses or face shield
Miscellaneous Protection	Rubber Apron

Accidental Release, Spill and Leak Measures

Evacuate the area of unprotected personnel

Use personal protection to minimize exposure

Minimize spread of material by using a dike, absorbent material or other method to contain material.

Scrape, sweep or wipe up material and place in appropriate containers for disposal.

All Federal, State and Local Laws concerning the reporting of leaks and spills and the disposal of recovered material should be followed.

Reactivity Data

Stability:

This material is chemically stable

Materials to avoid:

Avoid contact with oxidizing agents or acidic or basic material.

Avoid heat and ignition sources.

Hazardous Decomposition Products:

CO, CO₂, Silicone Dioxide and Hydrogen

Hazardous Polymerization:

Will not occur

Handling and Storage

Use ground strap; store upright in a cool place (below 30°C).

Keep container closed, avoid breathing vapors, and avoid contact with skin and eyes.

Use only in a well ventilated area.

Flammable.

Transportation Data

Regulated by D.O.T.:

Yes

D.O.T. Shipping Name:

Flammable Liquid UN1294

D.O.T. Hazard Class:

Flammable Liquid UN1294

Comments

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss of damage that may occur from the use of this information, nor do we offer warranty against patent infringement.

Material Safety Data Sheet

RTV Mold Life Extender

Part B

General Information

Date Revised: March 11, 1999
Preparer: Burton Zaslow, Vice President
Product Use: MoldMaking

Product Identity/Ingredients

Material	CAS#	% Conc.	PEL	TLV	Unit	Special Notes
Toluene	108-88-3	<99.6	200	100	PPM	Hazardous
Dibutyl Tin Bis-2-Ethyl Hexonate	2781-10-4	<0.5	0.1	0.1	MG/M3	Hazardous

Chemical Family
Catalyst Solution

Formula
NA

NFPA Ranking and Key

Key: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Minus 1
Ranking: 3:Health 1:Reactivity 3:Flammability

Physical Properties

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Specific Gravity (water = 1) 0.915
Vapor Pressure (mmHg @ 53F) 53
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Fire and Explosion Information

Flash Point 43°F (Method-T.C.C.)
Flammable Limits in Air LEL 1.0 UEL 6.0
Extinguishing Agents Dry Chemical, Foam, Sand or CO2
Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Health Hazard and Protection Data

Special Precautions:

Health studies have shown that many petroleum Hydrocarbons pose potential human health risks, which may vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

Personal Protection Recommended:

Wear protective goggles to prevent eye contact.
Wear lab coat or other protective clothing and chemical resistant gloves
In confined spaces or areas of poor ventilation, an approved respirator may be required.

Signs and Symptoms of Exposure:

Dizziness, CNS effect, vomiting, nausea, diarrhea, skin or eye irritation
Harmful if swallowed and/or inhaled

Toxicity Data:

OSHA Regulation 29 CFR 1910.1000 requires a TWA of 100PPM and STEL of 150PPM

Ventilation:

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Use explosion-proof ventilation equipment.

First Aid Measures/Procedures:

Eye Contact: Flush with large amount of water until irritation subsides.
Get medical attention.

Skin Contact: Remove contaminated clothing.
Launder before reuse.
Flush with large quantities of water.

Ingestion: Seek medical attention.
Do not induce vomiting.

Inhalation: Remove to well-ventilated area.
If not breathing, give artificial respiration.
Keep at rest, give oxygen
Seek medical attention.

Special Protection Required:

Ventilation Required	Mechanical
Respiratory Protection	Approved NIOSH respiratory protection
Skin Protection	Rubber Gloves
Eye Protection	Safety glasses or face shield
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Scrape, sweep or wipe up material and place in appropriate containers for disposal.

All Federal, State and Local Laws concerning the reporting of leaks and spills and the disposal of recovered material should be followed.

Reactivity Data

Stability:

This material is chemically stable

Materials to avoid:

Avoid contact with oxidizing agents.

Avoid heat and ignition sources.

Hazardous Decomposition:

Produces tin fumes.

Hazardous Polymerization:

Will not occur

Handling and Storage

Use ground strap; store upright in a cool place (below 30°C).

Keep container closed, avoid breathing vapors, and avoid contact with skin and eyes.

Use only in a well ventilated area.

Flammable.

Transportation Data

Regulated by D.O.T.: Yes

D.O.T. Shipping Name: Flammable Liquid UN1294

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