

CASTALDO®
LiquaGlass® Part A
Liquid Molding Rubber

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1	FIRE HAZARD	HAZARD KEY 4 - SEVERE 3 -SERIOUS 2 -MODERATE 1 - SLIGHT 0 - MINIMAL
2	HEALTH HAZARD	
1	REACTIVITY	

See Material Safety Data Sheet for details

1. Chemical Product and Company Identification

Product Name:LiquaGlass® Part A Liquid Molding Rubber
Chemical Family: Polyurethane Prepolymer

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Dicyclohexylmethane-4,4'-diisocyanate, CAS# 5124-30-1 (synonym: methylene bis(4-cyclohexylisocyanate))	ACGIH TLV 0.005 ppm TWA OSHA: None established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin or eye contact

EYE: Liquids, vapors, and mists of this product are irritating to the eyes.

SKIN: Causes skin irritation --redness, swelling, rash, blistering. Potent skin sensitizer.

INGESTION: Single oral dose toxicity is low, but may result in irritation and corrosive action in the mouth, stomach, and digestive tract.

INHALATION: At room temp., vapors are minimal, but vapors or mists generated during heating or spraying may cause respiratory irritation (runny nose, sore throat, coughing, shortness of breath). Exposure well above the TLV may cause bronchitis, or pulmonary edema (fluid in the lungs). After repeated overexposure, susceptible individuals may develop isocyanate sensitization causing them to react to later exposures even at low levels. Upon exposure, sensitized individuals may experience allergic respiratory reactions (e.g., asthmatic attack, coughing, difficulty breathing).

CHRONIC EFFECTS: Repeated overexposure may cause respiratory and dermal sensitization. Long-term overexposure may result in impaired lung function.

CARCINOGENICITY: Not listed as a carcinogen by NTP , IARC, or OSHA.

4. First Aid Measures

EYE CONTACT: Flush with water for at least 15 min. Seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and warm water. Seek medical attention if symptoms develop.

INHALATION: Remove to fresh air. Treat symptoms. Seek medical attention.

INGESTION: Do not induce vomiting. Give 1-2 cups milk or water. Seek medical attention.

5. Fire Fighting Measures

FLASH POINT: > 350° F (estimated)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foams, or water spray for large fires.

OTHER INFORMATION : Firefighters wear SCBA and full-body protective suit. Closed containers may explode when exposed to extreme heat or burst when contaminated with water.