

BOJMAN PIPE SEALANT

# International Chemical Safety Cards

## ETHYLENE GLYCOL DIMETHACRYLATE

ICSC: 1270



2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester  
 Ethylene dimethacrylate  
 Methacrylic acid, ethylene ester  
 $C_{10}H_{14}O_4 / CH_2=C(CH_3)C(O)OCH_2CH_2OC(O)C(CH_3)=CH_2$   
 Molecular mass: 198.2

ICSC # 1270  
 CAS # 97-90-5  
 RTECS # OZ4400000  
 EC # 607-114-00-5  
 October 26, 1995 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
<b>FIRE</b>	Combustible.	NO open flames.	Powder, AFFF, foam, carbon dioxide.
<b>EXPLOSION</b>			
<b>EXPOSURE</b>		STRICT HYGIENE!	
<b>•INHALATION</b>	Cough. Sore throat.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest.
<b>•SKIN</b>	Loss of finger nails.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
<b>•EYES</b>	Redness. Pain.	Face shield.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>•INGESTION</b>		Do not eat, drink, or smoke during work.	Rinse mouth. Give plenty of water to drink.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place.	Store only if stabilized.	Note: D Xi symbol R: 37-43 S: 2-24-37

SEE IMPORTANT INFORMATION ON BACK

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Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

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I M P O R T A N T D A T A	<p><b>PHYSICAL STATE; APPEARANCE:</b> COLOURLESS LIQUID.</p> <p><b>PHYSICAL DANGERS:</b> Vapours are uninhibited and may polymerize, blocking vents.</p> <p><b>CHEMICAL DANGERS:</b> The substance may polymerize.</p> <p><b>OCCUPATIONAL EXPOSURE LIMITS:</b> TLV not established. MAK: sensitization of skin (Sh); (DFG 2004).</p>	<p><b>ROUTES OF EXPOSURE:</b> The substance can be absorbed into the body by inhalation and through the skin.</p> <p><b>INHALATION RISK:</b> No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20°C.</p> <p><b>EFFECTS OF SHORT-TERM EXPOSURE:</b> The substance is irritating to the eyes and the respiratory tract.</p> <p><b>EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:</b> Repeated or prolonged contact may cause skin sensitization.</p>
<b>PHYSICAL PROPERTIES</b>	Boiling point: 260°C Melting point: -40°C Relative density (water = 1): 1.05 Solubility in water: none Vapour pressure, Pa at 20°C: 478	Relative vapour density (air = 1): 6.8 Relative density of the vapour/air-mixture at 20°C (air = 1): 1.03 Flash point: 101°C Octanol/water partition coefficient as log Pow: 1.87
<b>ENVIRONMENTAL DATA</b>		
<b>NOTES</b>		
Environmental effects from the substance have not been investigated. Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken. An added stabilizer or inhibitor can influence the toxicological properties of this substance, consult an expert. Ageflex EGDM, Nourycryl M221, Sartomer SR 206 are trade names. Card has been partly updated in April 2005. See sections Occupational Exposure Limits, EU classification.		
<b>ADDITIONAL INFORMATION</b>		
ICSC: 1270 <span style="float: right;">ETHYLENE GLYCOL DIMETHACRYLATE</span> (C) IPCS, CEC, 1994		
<b>IMPORTANT LEGAL NOTICE:</b>	Neither NIOSH, the CEC or the IPCS nor any person acting on behalf of NIOSH, the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use. The only modifications made to produce the U.S. version is inclusion of the OSHA PELs, NIOSH RELs and NIOSH IDLH values.	