



# Material Safety Data Sheet

## *IsoSolv* Single Component

**MANUFACTURER**  
Elastomer Specialties, Inc.  
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Wagoner, OK 74467  
918-485-2835

Issue Date: August 2000  
Revised: June 2005  
Revised: November 2005  
Revised: October 2007  
Revised: October 2008  
Revised: July 2009

### SECTION I— Hazardous Ingredients/Identity Information:

Product Code: 1299  
Product Name: IsoSolv

Components	CAS #	OSHA PEL	ACGIH TLV
Methyl-2-pyrrolidinone, 1-	872-50-4	Not Estab.	Not Estab.
Propylene carbonate	108-32-7	Not Estab.	Not Estab.
Dibasic ester	Mixture Not Estab.	10mg/m3 (8hr TWA)	
Dipropylene glycol monomethyl e	34590-94	100 ppm	100 ppm

#### This product is not D.O.T. regulated:

Proper shipping name: Not regulated  
Hazard Class: None  
Identification Number: None  
Emergency Guide Resp.: None

	Health	FI	Reac.	Special Protection
NFPA	2	1	0	None
HMIS	2	1	0	None

### SECTION II— Physical/Chemical Characteristics:

Boiling Point: Approx. 196° C-232° C / 385° F-450° F  
Vapor Pressure (mm Hg)@ 20° C: 0.4  
Vapor Density (Air=1): 4.6  
Evaporation Rate (H2O=1): <1  
Water Absorption: Appreciable  
@ 60° F Specific Gravity (H2O-1): 1.09 Pounds/Gallon 9.1  
Appearance and Odor: Liquid, water-white  
Odor: Amine

### SECTION III— Fire and Explosion hazard Data:

Flash Point (method used): >200°F (PMCC)  
Flammable Limits: Not established  
LEL: Not determined  
UEL: Not determined  
Extinguishing Media: Water, Fog, CO<sub>2</sub>, Dry Chemical.  
Special Firefighting Procedures: Water may cause frothing, use self-contained breathing apparatus.  
Unusual Fire and Explosion Hazards: Heat may cause drums or containers to swell and burst.

### SECTION IV—Reactivity Data:

Stability: Stable— Avoid heat, strong oxidizers, acids and bases.  
Incompatibility: This product will react violently with strong acids and bases.  
Hazardous Decomposition or By products: Combustion Products: Normal by-products of combustion.  
Polymerization: Hazardous polymerization will not occur.

**SECTION V– Health Hazard Data:**

Routes of Entry:      Inhalation:      Possible  
                                  Skin:                      Possible  
                                  Ingestion:        Possible

## Health Hazards (Acute and Chronic):

Chronic Inhalation:    If misted or at high concentrations, may cause pallor, nausea, anesthetic or narcotic effects.  
 Eye Contact:            Vapors slightly uncomfortable. Splashes irritating and painful.  
 Carcinogenicity:      NTP:                      No Data  
                                  IARC Monograph:    No Data  
                                  OSHA Regulated:     Not Regulated

## Signs and Symptoms of

Exposure:                      Skin– May cause swelling and redness leading to cracking.

## Medical Conditions Generally

Aggravated by Exposure:    Severe irritation if eye contact is made. Swelling of conjunctiva.

## Emergency and First Aid

Procedures:            Eye contact:      Flush eyes with water for at least 15 minutes. Get medical attention.  
                                  Ingestion:        Induce vomiting immediately. (Unless unconscious.)  
                                  Skin:                Contact– wash with soap and water.

**SECTION VI– Spill or Leak Procedures:**

If material is spilled or released:      Contain spill with inert material (sand). Avoid personal contact. Wipe up or absorb material for disposal. No neutralization is required. Keep upwind. Wear personal protective gear and dispose of immediately.

Disposal method:      Dispose of according to local, state, and federal regulations. Not a hazardous waste under RCRA, 40 CFR 261. Not RCRA regulated.

Handling and Storage:    Keep away from ignitable sources as well as heat.

**SECTION VII– Special Protection Information:**

Respiratory:            Respirators are recommended if solvent is heated above 150°F.

Ventilation:            Local exhaust. Use of hoods if possible. Mechanical air flow should be adequate.

Protective Gloves:    Neoprene gloves are recommended.

Other Protective Clothing or Equipment:      Safety glasses, chemical goggles, or face shields are recommended.

Work/Hygienic Practices:      Good air-flow in working area and eye wash stations should be made available.

**The information herein is given in good faith but no warranty, expressed or implied, is being made.**

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