



Product Name:

MASTER WORKS CA2 THIXOTROPE

I. Basic Information:

Supplier: Pathway Polymers

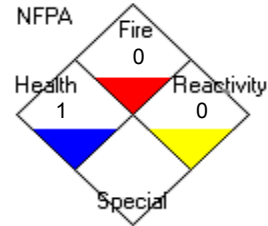
Address: 2003 Curtain Pole Rd., P.O. Box 5667

City, ST Zip: Chattanooga, TN 37406

Emergency Phone: 423-697-0400

Transportation Emergency Phone: Chem-trec 1-800-424-9300

1	Health
0	Flammability
0	Reactivity
B	Pers. Protection



Chemical State:  Liquid  Gas  Solid Chemical Type:  Pure  Mixture

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
	Polyurethane resin	3 - 5								
7732185	Water	71 - 73								
112345	Diethylene glycol monobutyl ether	22 - 24								

III. Hazardous Identification:

Hazard Category: CHRONIC

Hazardous Identification Information:

Warning!

Clear colorless liquid.

Contact may cause skin and eye irritation.

Inhalation of vapors or mist may cause headache, nausea and irritation of the nose, throat and lungs.

IV. First Aid Measures:

Route(s) of Entry: Skin and Eye contact, inhalation.

Health Hazards (Acute and Chronic):

Acute (Short-Term)

Contact may cause skin and eye irritation. Inhalation may cause respiratory tract irritation, nausea, dizziness.

Chronic (Delayed)

Repeated overexposure to Diethylene Glycol Monobutylether can cause kidney and liver damage, blood changes.

Signs and Symptoms:

Skin, eye and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure:

None known.

Emergency and First Aid Procedures:

SKIN CONTACT: Wash affected area with soap and water.

EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, contact a physician.

INHALATION: Remove person to fresh air.

INGESTION: Drink 1 or 2 glasses of water. Consult a physician. Never give anything by mouth to an unconscious person.



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Other Health Warnings

Glycil ethers can cause delayed liver and kidney damage. If swallowed, careful evacuation of the stomach is advisable. No specific antidote.

V. Fire Fighting Measures:

Flash Point: NA Lower Explosive Limit: NA Upper Explosive Limit: NA

Fire Extinguishing Media:

Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures:

Dried product can burn.

Unusual Fire and Explosion:

None known

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

VII. Handling and Storage:

Precautions to be Taken:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

Other Precautions:

Storage temperature: 1 - 49 °C (33 - 140 F)

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local Exhaust: Provide mechanical (general) and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Personal Protective Equipment:

RESPIRATORY PROTECTION: When respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection, use a NIOSH approved respirator.

PROTECTIVE GLOVES: Neoprene gloves.

EYE PROTECTION: Wear safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: An apron or suitable clothing to prevent skin contact.

IX. Physical and Chemical Properties:

Boiling Point: 212 F Melting Point: NE Evaporation Rate: NE  
Vapor Pressure (mm Hg.): NE Vapor Density (AIR = 1): NE  
Solubility In Water: Dilutable  
Appearance and Odor: Clear colorless liquid.



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Other Information: VOLATILITY @75°F: Low  
PERCENT VOLATILE BY VOLUME(%): 71 - 73  
VISCOSITY @77°F, (mPa.s): 2000 -7000

X. Stability and Reactivity:

Stability: This material is considered stable.  
However, avoid temperatures above 177C/350F, the onset of polymer decomposition.

Incompatibility (Materials to Avoid):

Water reactive materials.

Decomposition/By Products:

Material will not decompose under normal conditions.

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

Diethylene glycol monobutyl ether  
LD50 rat > 5g/kg

XII. Ecological Information:

None Available

XIII. Disposal Considerations:

Waste must be disposed of in accordance with federal, state and local environmental regulations.

XIV. Transport Information:

Not regulated by DOT

XV. Regulatory Information:

TSCA Inventoty Status:

This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Diethylene glycol monobutyl ether	112-34-5	22-24 %

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard; A delayed health hazard

XVI. Other Information:

In this document the following abbreviations were used:

- NA: Not Applicable
- NE: Not Established