

# SAFETY DATA SHEET

**Date Prepared :** 11/29/2017  
**MSDS No :** PC-40  
**Date Revised :** 11/29/2017  
**Revision No :** 8

## MIRACLE FOAMSEAL PC-40 Panel Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MIRACLE FOAMSEAL PC-40 Panel Cleaner

**MANUFACTURER**

ITW Polymers Sealants North America  
 56 Air Station Industrial Park  
 Rockland, MA 02370

**Product Stewardship:** (781) 878-7015

**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC (US Transportation): (800) 424-9300

**COMMENTS:** MIRACLE and FOAMSEAL are registered trademarks of Illinois Tool Works, Inc.

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Physical:**

Flammable Liquids, Category 4

**GHS LABEL**

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H227: Combustible liquid.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P370+P378: In case of fire: Use appropriate media to extinguish.

**Storage:**

P403+P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

P501: Dispose of contents/container according to local, regional, national, and international regulations.

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** WARNING! Combustible liquid and vapor. Causes eye and skin irritation.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Mildly irritating to the eyes.

**SKIN:** Not likely to be absorbed in toxic amounts. Prolonged exposure may cause skin irritation. Avoid skin contact as much as possible.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Product is considered to have a low order of acute oral toxicity.

**INHALATION:** Excessive exposure may cause irritation to the upper respiratory tract. Signs and symptoms of excessive exposure may be anesthetic or narcotic effects.

**ROUTES OF ENTRY:** Eye and skin contact. Inhalation and ingestion are unlikely routes of entry.

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**IRRITANCY:** Slight eye and skin irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Dipropylene Glycol Methyl Ether	> 99	34590-94-8

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Small amounts are not expected to produce adverse health effects. Larger amounts should be recovered by aspiration. Get medical attention.

**INHALATION:** Remove person to fresh air. Seek medical attention if discomfort persists.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slight irritation.

**SKIN:** Slight skin irritation.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** None known, not likely route of entry.

**INHALATION:** Materials are low in volatility therefore not likely to pose a problem.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Class IIIA

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical or foam.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. After water evaporates, remaining material will burn.

**SENSITIVE TO STATIC DISCHARGE:** Not Applicable

**SENSITIVITY TO IMPACT:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Does not normally decompose. Hazardous decomposition products depend upon temperature, air supply and the presence of other materials.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the appropriate personal protective equipment (PPE) should participate in spill response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g.

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sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation).

**HANDLING:** Containers should be tightly closed to prevent contamination with foreign materials and moisture. Employee education and training in the safe handling of this product are required under the Federal OSHA Hazard Communication Standard.

**STORAGE:** Keep container closed when not in use. Store in a dry well ventilated area and out of the sun.

**STORAGE TEMPERATURE:** 15.5°C (60°F) Minimum to 35°C (95°F) Maximum

**SHELF LIFE:** 1 year from manufacture date

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	Type		EXPOSURE LIMITS	
			ppm	mg/m <sup>3</sup>
Dipropylene Glycol Methyl Ether	OSHA PEL	TWA	100 ppm	600 mg/m <sup>3</sup>
		STEL	150 ppm	900 mg/m <sup>3</sup>
	ACGIH TLV	TWA	100 ppm	606 mg/m <sup>3</sup>
		STEL	150 ppm	909 mg/m <sup>3</sup>

**ENGINEERING CONTROLS:** Natural ventilation should be adequate under normal conditions.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields. A face shield may be necessary if spraying the product.

**SKIN:** Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

**RESPIRATORY:** No respiratory protection required under normal conditions.

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight Ether

**ODOR THRESHOLD:** Not Determined

**COLOR:** Clear colorless

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**pH:** Not Determined

**PERCENT VOLATILE:** Not Determined

**FLASHPOINT AND METHOD:** 75°C (167°F) Setaflash CC Tester-ASTM D 3828

**FLAMMABLE LIMITS:** 1.1 to 14

**Notes:** Setaflash Closed Cup ASTN D3828

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** 10 mmHg at 75.1°C (167.2°F)

**VAPOR DENSITY:** Not Determined

**BOILING POINT:** 190°C (374°F)

**FREEZING POINT:** -83°C (-117°F)

**MELTING POINT:** Not Determined

**POUR POINT:** Not Determined

**SOLUBILITY IN WATER:** Soluble

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Determined

**EVAPORATION RATE:** Not Determined

**DENSITY:** 7.93 lbs/gal

**SPECIFIC GRAVITY:** 0.951

**VISCOSITY:** Not Determined

**(VOC):** 951 gr/L EPA Method 24 VOC

**COMMENTS:** 0 lb VHAP/lb Solid  
0% by weight HAP

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Does not normally decompose. Hazardous decomposition products depend upon temperature, air supply and presence of other materials.

**INCOMPATIBLE MATERIALS:** Oxidizing materials

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Dipropylene Glycol Methyl Ether	5200 ml/kg	9500 mg/kg	No data

**SERIOUS EYE DAMAGE/IRRITATION:** Slight eyes and skin irritation.

### 12. ECOLOGICAL INFORMATION

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**ENVIRONMENTAL DATA:** This product contains components that may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

**ECOTOXICOLOGICAL INFORMATION:** Contains components that are potentially toxic to freshwater and saltwater ecosystems.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Combustible Liquid, n.o.s. (Dipropylene Glycol Methyl Ether Isomers)

**PRIMARY HAZARD CLASS/DIVISION:** CBL

**UN/NA NUMBER:** NA1993

**PACKING GROUP:** III

**MARINE POLLUTANT #1:** None

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not Regulated for Transport

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not Regulated for Transport

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Dipropylene Glycol Methyl Ether	34590-94-8

#### CLEAN AIR ACT

Chemical Name	Wt. %	CAS
Dipropylene Glycol Methyl Ether	> 99	34590-94-8

#### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Dipropylene Glycol Methyl Ether	New Jersey Right to Know List Pennsylvania Right to Know List Massachusetts Right to Know List

#### CANADA

#### WHMIS HAZARD SYMBOL AND CLASSIFICATION

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Toxic

### 16. OTHER INFORMATION

**Date Revised:** 11/29/2017

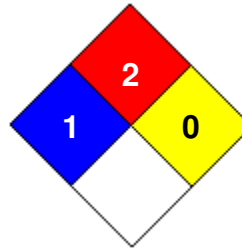
**INFORMATION CONTACT:** (781) 878-7015

**REVISION SUMMARY:** This MSDS replaces the 10/18/2016 MSDS. Revised: **Section 1:** Date Issued.

#### HMIS RATING

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>2</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

#### NFPA CODES



**GENERAL STATEMENTS:** Keep out of reach of children  
 For professional or industrial use only

**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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