

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
 MSDS No: PC-40
 Date Revised: 05/28/2010
 Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PC-40 Panel Cleaner (item #PC40-PP)

MANUFACTURER

ITW TACC
 195 Demille Rd
 Lapeer MI 48446
Service Number: (800) 498-4310

24 HR. EMERGENCY TELEPHONE NUMBERS

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

COMMENTS: FOAMSEAL is a registered trademark of Illinois Tool Works, Inc.

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"Xi" - Irritant

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.

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.

CHRONIC EFFECTS: None known.

CARCINOGENICITY: None known.

MUTAGENICITY: None known.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

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

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
 MSDS No: PC-40
 Date Revised: 05/28/2010
 Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

TARGET ORGAN STATEMENT: None known.

IRRITANCY: Slight eye and skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS	Classification
Dipropylene Glycol Methyl Ether	85 - 100	034590-94-8	252-104-2	Xi; 36/37/38

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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 85°C (185°F) Open Cup

FLAMMABLE LIMITS: Not Applicable

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

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
 MSDS No: PC-40
 Date Revised: 05/28/2010
 Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

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. 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)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Dipropylene Glycol Methyl Ether	TWA	100 ppm	600 mg/m ³	100 ppm	606 mg/m ³
	STEL	150 ppm	900 mg/m ³	150 ppm	909 mg/m ³

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: Wash hands thoroughly after use.

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
 MSDS No: PC-40
 Date Revised: 05/28/2010
 Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Slight Ether
COLOR: Clear colorless
BOILING POINT: 190°C (374°F)
FLASHPOINT AND METHOD: 85°C (185°F) Open Cup
SOLUBILITY IN WATER: Soluble
DENSITY: 7.920 lbs/gal
SPECIFIC GRAVITY: 0.950
(VOC): 951.000 gr/L per Rule 445.1 of California SCAQMD
COMMENTS: 0 lb VHAP/lb Solid
 0% by weight HAP

10. STABILITY AND REACTIVITY

STABLE: Yes
HAZARDOUS POLYMERIZATION: No
STABILITY: Stable.
POLYMERIZATION: Product will not undergo polymerization.
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

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

CARCINOGENICITY

IARC: Not Applicable

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
 MSDS No: PC-40
 Date Revised: 05/28/2010
 Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

NTP: Not Applicable

OSHA: Not Applicable

Notes: Not Applicable

IRRITATION: Slight eyes and skin irritation.

CORROSIVITY: Not Applicable

SENSITIZATION: Not Applicable

NEUROTOXICITY: Not Applicable

GENETIC EFFECTS: Not Applicable

REPRODUCTIVE EFFECTS: Not Applicable

TERATOGENIC EFFECTS: Not Applicable

MUTAGENICITY: Not Applicable

SYNERGISTIC MATERIALS: Not Applicable

12. ECOLOGICAL INFORMATION

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: Not Regulated

NAERG: 121

MARINE POLLUTANT #1: None

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009
MSDS No: PC-40
Date Revised: 05/28/2010
Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

Chemical Name	CAS
Dipropylene Glycol Methyl Ether	034590-94-8

CLEAN AIR ACT

Chemical Name	Wt. %	CAS
Dipropylene Glycol Methyl Ether	85 - 100	034590-94-8

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



Toxic

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

16. OTHER INFORMATION

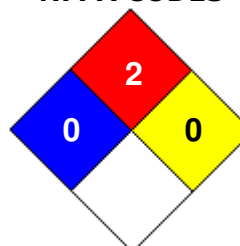
INFORMATION CONTACT: (781) 878-7015

REVISION SUMMARY: Revision #: 3 This MSDS replaces the November 13, 2009 MSDS. Any changes in information are as follows: In Section 5 Flammable Class

HMIS RATING

HEALTH:	0
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	B

NFPA CODES



GENERAL STATEMENTS: Keep out of reach of children

MATERIAL SAFETY DATA SHEET



Date Issued: 11/13/2009

MSDS No: PC-40

Date Revised: 05/28/2010

Revision No: 3

PC-40 Panel Cleaner (item #PC40-PP)

For professional or industrial use only

If you cannot read, or do not understand all directions, cautions, and warnings, do not use this product

MANUFACTURER DISCLAIMER:

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ITW TACC. The data on this sheet relates only to the specific material designated herein. ITW TACC assumes no legal responsibility for use or reliance upon these data.