

# **MATERIAL SAFETY DATA SHEET**

## **SOLAR COMPOUNDS CORP.**

1201 West Blancke Street PO Box 1097 Linden, N.J. 07036  
Telephone 908-862-2813 Fax 908-862-8061

24 Hour Emergency Telephone: Chemtrec 800-424-9300

**DATE OF ISSUE: 12/9/10**

### **SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME: FLEXCO 77 PART A  
CHEMICAL FAMILY: SOLVENT FREE EPOXY

### **SECTION 2 HAZARDS IDENTIFICATION**

PRIMARY ROUTES OF ENTRY: Eyes, skin.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.  
POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause temporary discomfort or irritation.

SKIN CONTACT: May be slightly irritating to the skin.

INGESTION: May cause stomach discomfort.

INHALATION: None known.

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredient above the OSHA reporting threshold listed as a carcinogen by IARC, NTP, or OSHA.

### **SECTION 3 HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS**

<u>Chemical name</u>	<u>CAS</u>	<u>% by weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
None				

### **SECTION 4 FIRST AID MEASURES**

EYE CONTACT: Flush with large quantities of water for at least 30 minutes. Get immediate medical attention if necessary.

SKIN CONTACT: Wash with soap and large amounts of running water.

INGESTION: Do not induce vomiting. Seek immediate medical advice and/or attention.

INHALATION: Remove to fresh air. Get medical attention if breathing becomes difficult.

## **SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT: > 465 ° F

LOWER FLAMMABLE LIMIT: NA

UPPER FLAMMABLE LIMIT: NA

FIRE-FIGHTING INSTRUCTIONS: Clear fire area of all non-emergency personnel. Do not enter confined fire space without bunker gear including positive pressure, NIOSH approved, self-contained breathing apparatus.

EXTINGUISHING MEDIA: Foam, dry chemical foam, or carbon dioxide.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, aldehydes and acids from incomplete combustion.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Keep people away. Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable local, state, and federal regulations in disposing of waste.

## **SECTION 7 HANDLING AND STORAGE**

HANDLING: Avoid prolonged or repeated contact with skin. Remove contaminated clothing. Launder or dry clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of the work period.

STORAGE: Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation.

## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses with side shields or splash goggles if contact with material is likely.

SKIN PROTECTION: Wear chemical-resistant gloves, if needed to avoid prolonged or repeated skin contact.

RESPIRATORY PROTECTION: Not normally needed.

ENGINEERING CONTROLS: Use normal room ventilation.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: NA

SPECIFIC GRAVITY (water =1) 1.45

APPEARANCE AND ODOR: Dark gray paste with a characteristic epoxy odor.

**SECTION 10 STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, aldehydes and acids from incomplete combustion.

**SECTION 11 TOXICOLOGICAL INFORMATION**

No information available.

**SECTION 12 ECOLOGICAL INFORMATION**

No information available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Dispose of in an environmentally safe manner and in accordance with local, state and federal regulations.

**SECTION 14 TRANSPORT INFORMATION**

This product does not contain any hazardous/corrosive ingredients. It is not regulated by the U.S. Department of Transportation.

**SECTION 15 REGULATORY INFORMATION**

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA TITLE III:

Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
[ ]	[ ]	[ ]	[ ]	[ ]

Section 313: Contains no components at or above EPA reporting thresholds.

**SECTION 16 OTHER INFORMATION**

HMIS RATINGS: Health = 1 Flammability = 1  
Reactivity = 0 Person Protective Equipment = C  
Hazard rating scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

The information and recommendations contained herein are, to the best of Solar Compounds knowledge and belief, accurate and reliable as of the date issued. Solar Compounds does not warrant or guarantee their accuracy or reliability, and Solar Compounds shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

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### **SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME: FLEXCO 77 PART B  
CHEMICAL FAMILY: SOLVENT FREE EPOXY

### **SECTION 2 HAZARDS IDENTIFICATION**

PRIMARY ROUTES OF ENTRY: Eyes, skin.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.  
POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause temporary discomfort or irritation.

SKIN CONTACT: May be slightly irritating to the skin.

INGESTION: May cause stomach discomfort.

INHALATION: None known.

CHRONIC: Overexposure to DUP (or its components) has been suggested as a cause of the following effects in laboratory animals: liver abnormalities and kidney damage.

CARCINOGENICITY: This product contains no ingredient above the OSHA reporting threshold listed as a carcinogen by IARC, NTP, or OSHA.

### **SECTION 3 HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS**

<u>Chemical name</u>	<u>CAS</u>	<u>% by weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
None				

### **SECTION 4 FIRST AID MEASURES**

EYE CONTACT: Flush with large quantities of water for at least 30 minutes. Get immediate medical attention if necessary.

SKIN CONTACT: Wash with soap and large amounts of running water.

INGESTION: This product is not considered harmful if swallowed in small amounts. However, seek immediate medical advice and/or attention if large amounts are swallowed.

INHALATION: Remove to fresh air. Get medical attention if breathing becomes difficult.

## **SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT: > 485 ° F

LOWER FLAMMABLE LIMIT: NA

UPPER FLAMMABLE LIMIT: NA

FIRE-FIGHTING INSTRUCTIONS: Clear fire area of all non-emergency personnel.

Do not enter confined fire space without bunker gear including positive pressure, NIOSH approved, self-contained breathing apparatus.

EXTINGUISHING MEDIA: Foam, dry chemical foam, or carbon dioxide.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, water, and butadiene, may be produce.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Keep people away. Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable local, state, and federal regulations in disposing of waste.

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PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses with side shields or splash goggles if contact with material is likely.

SKIN PROTECTION: Wear chemical-resistant gloves, if needed to avoid prolonged or repeated skin contact.

RESPIRATORY PROTECTION: Not normally needed, however use supplied-air respiratory protection in confined or enclosed spaces, if needed.

ENGINEERING CONTROLS: Use normal room ventilation.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: NA

SPECIFIC GRAVITY (water =1) 1.44

APPEARANCE AND ODOR: Amber paste with a characteristic epoxy odor.

**SECTION 10 STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, water, and butadiene, may be produce.

**SECTION 11 TOXICOLOGICAL INFORMATION**

No information available.

**SECTION 12 ECOLOGICAL INFORMATION**

No information available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Dispose of in an environmentally safe manner and in accordance with local, state and federal regulations.

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