

MATERIAL SAFETY DATA SHEET

EPOXO-5044 Black Walkway Non-Slip

Document #

SECTION 1: PRODUCT IDENTIFICATION AND USE

MFG'S NAME: ITW AMERICAN SAFETY TECHNOLOGIES

565 Eagle Rock Ave.
Roseland, New Jersey 07068
(973) 403-2600

TRADE NAME: EPOXO-5044
SINGLE COMPONENT SYSTEM

CHEMICAL FAMILY: ANTI-SLIP

DOT SHIPPING CLASSIFICATION (49 CFR 172.101): Paint,3,UN1263,II
TRANSPORTATION EMERGENCY NO. (CHEMTREC): 1-800-424-9300
MFG'S DUNN'S NO: 002-171-213

HMIS RATING:
Health = 2
Flammability = 3
Reactivity = 0

PREPARED BY: J. Hermele

DATE: 04-09-02

REVISION: 0

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS	CAS NO.	% WT.	OSHA PEL	ACGIH TLV
Alkyd Resin	*Trade Secret	10-15%	N.E.	N.E.
VMP Naphtha	64742-89-8	20-30%	100ppm	100ppm
Alumino-Silicate Mineral	37244-96-5	25-35%	10mg/m3	10mg/m3
Carbon Black	1333-86-4	<0.5%	3.5mg/m3	3.5mg/m3

(N.A. = Not Applicable)

(N.E. = Not Established)

SECTION 313 SUPPLIER INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THIS INFORMATION MUST BE INCLUDED ON THE MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
None		

SECTION 3: PHYSICAL DATA

BOILING POINT:	>240°F/116°C	SPECIFIC GRAVITY:	1.27
VAPOR PRESSURE:	45mmHg @ 68°F/20°C	MELTING POINT:	N.E.
VAPOR DENSITY:	Heavier than Air (AIR = 1)	EVAPORATION RATE:	1.6 (Butyl Acetate = 1)
SOLUBILITY IN WATER:	Slight		
APPEARANCE AND ODOR:	Pigmented Viscous Paste, Mild Odor		

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT: 55°F/13°C PMCC

FLAMMABLE LIMITS:

LEL UEL
0.9 7.0

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical or Foam

SPECIAL FIRE FIGHTING PROCEDURES: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment where potential for exposure to vapors or products of combustion exists.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.

EPOXO-5044 NON-SLIP COATING

Page 2 of 2

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation/Skin/Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)

Eyes: Irritant. Aggregate may cause injury.
Skin: May cause moderate irritation and sensitization.
Inhalation : Vapors may cause headaches, nausea, dizziness and respiratory irritation.
Ingestion: No specific information available. Contains materials that may be slightly toxic.

CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema and other skin conditions.

CARCINOGENIC DATA:

The carbon black pigment in this product contains less than 0.1% polynuclear aromatic hydrocarbons (PAH) , some of which, in non-adsorbed form, have been found to be carcinogens in animal studies. Carbon Black has not been listed by the NTP or OSHA. NIOSH recommends that only carbon blacks with a PAH level greater than 0.1% be considered suspect carcinogens. The International Agency for Research on Cancer ("IARC") classifies carbon black as a suspect human carcinogen based on animal studies. Since the carbon black is not present in respirable form and encapsulated in the coating no over exposure to airborne dusts is to be expected.

OVEREXPOSURE EFFECTS: Irritation, sensitization and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with large quantities of water for at least 15 minutes. Get medical attention.
Skin: Remove contaminated clothing. Wash contact area with mild soap and water.
Inhalation: Remove to fresh air. Give oxygen if breathing is difficult. Get medical attention.
Ingestion: Do not induce vomiting (contains solvent). Get medical attention.

SECTION 6: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive Heat

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Dike Spill. Absorb with inert material and collect for disposal. Flush contaminated area with water; prevent washings from entering waterways.

WASTE DISPOSAL METHODS: Dispose of in accordance with Federal, State and Local Regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator with organic vapor cartridge if required.

VENTILATION: Explosion-proof mechanical ventilation and local exhaust are recommended. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.

PROTECTIVE GLOVES: Impervious gloves.

EYE PROTECTION: Chemical splash-proof goggles.

OTHER PROTECTIVE EQUIPMENT: In operations where contact may occur coveralls, apron and impervious foot covering are recommended.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid all personal contact. Do not exceed 110°F/43°C in storage area. Ground and bond metal containers for liquid transfer to avoid static sparks.

SECTION 9: SPECIAL / OTHER INSTRUCTIONS

- * A safety shower and eye wash facility should be available to employees.
- * Contaminated clothing should be removed immediately and thoroughly laundered before reuse.