

# FLOORMAX™ Coatings

Phone 877-TECH-986 (877-832-4986)

## MATERIAL SAFETY DATA SHEET

Product: FLOORMAX™ Concrete Fast Patch Part: Iso  
Date: July 3, 2012  
Revision No: 1

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FLOORMAX™ Concrete Fast Patch (Iso)  
MANUFACTURER: FLOORMAX™ Coatings  
EMERGENCY PHONE: 877-TECH-986 (877-832-4986)  
CHEMICAL NAME: Blend of MDI Based Diisocyanate Prepolymers  
CHEMICAL FAMILY: Aromatic Polyisocyanate  
PRODUCT USE: Concrete Repair (mix with side B)

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO</u>	<u>%WT</u>	<u>SARA 313 REPORTABLE</u>
Diphenylmethane Diisocyanate	26447-40-5	30-70	None
Polyurethane Prepolymer of MDI and Polyol		30-70	None
Aromatic Petroleum 64742-94-5	64742-94-5	10-40	
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	N/E	N/E	
OSHA PEL STEL:	N/E	N/E	
OSHA PEL CEILING:	N/E	0.20	
ACGIH TLV-TWA:	N/E	0.05 (8-hour,40 hours/week)	
ACGIH TLV STEL:	N/E	N/E	
ACGIH TLV CEILING:	N/E	N/E	

SECTION 2 NOTES: N/E= Not Established

### SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause eye, skin, and respiratory tract irritation. May cause allergic respiratory reaction. Harmful if inhaled. May cause allergic Skin reaction. May cause lung damage

ROUTES OF ENTRY: Inhalation; Skin Contact; Eye Contact

#### POTENTIAL HEALTH EFFECTS

EYES: Liquid, aerosol and vapors of this product may cause irritation

SKIN: May cause skin sensitization

INGESTION: None found

INHALATION: Can cause respiratory tract irritation. Certain individuals may develop isocyanate sensitization (asthma like symptoms).



STORAGE TEMPERATURE: 50 deg F / 100 deg F  
SHELF LIFE: 6 months at 77 deg F after receipt of material by customer  
OTHER PRECAUTIONS: Storage at temperatures greater than 122 deg F can result in an increase in monomeric HDI content. Store in tightly closed containers to prevent moisture contamination. Nitrogen blanketing of material is recommended.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: A respirator that is recommended or approved for use in isocyanate-containing environments is necessary for spray applications.  
EYE PROTECTION: Safety glasses, goggles or faceshield  
SKIN PROTECTION: Butyl rubber, nitrile rubber, polyvinyl alcohol gloves. Cover as much exposed skin as possible. Tyvek (or like) suit with headcover is recommended for spray applications.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety showers and eyewash stations should be available  
WORK HYGIENIC PRACTICES: Educate and train all employees in the safe use of product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Brown liquid
ODOR:	Musty
PHYSICAL STATE:	Liquid
pH AS SUPPLIED:	N/E
BOILING POINT:	410F, 210C
MELTING POINT:	N/E
FREEZING POINT:	F: -74F C: -59C
VAPOR PRESSURE (mmHg):	<1.0 x 10 <sup>-5</sup> @ 20 C
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.14 @ 68 F
EVAPORATION RATE:	N/E
SOLUBILITY IN WATER:	Insoluble
PERCENT SOLIDS BY WEIGHT:	100
VISCOSITY:	600 cps @ 25 C

## SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions  
INCOMPATIBILITY (MATERIALS TO AVOID): Water, amines, strong bases, alcohols  
DECOMPOSITION OR BY-PRODUCTS: CO<sub>2</sub>, CO, HCN and other aromatic fragments  
HAZARDOUS POLYMERIZATION: May occur; Contact with moisture or other materials which react with isocyanates or temperatures above 400 F

## SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	
ORAL LD50	greater than 10000 mg/kg(rats)
DERMAL LD50	greater than 5000 mg/kg(rabbits)
INHALATION LC50	lower respiratory irritant
EYE EFFECTS	Severe irritant capable of corneal injury
SKIN EFFECTS	Moderate irritant
OTHER ACUTE EFFECTS	Ames Test —Negative

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None available

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal state and local environmental control regulations. Incineration is the preferred method.

RCRA HAZARD CLASS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic

## SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOMESTIC SURFACE)  
PROPER SHIPPING NAME...Other Regulated Substances, Liquid, N.O.S. \*see note below

HAZARD CLASS	9
UN NUMBER	UN 3082
PACKING GROUP	III
HAZARDOUS SUBSTANCE	Methylene bisphenyl isocyanate
DOT PRODUCT RQ lbs	8,333 lbs
FREIGHT CLASS BULK	Isocyanate
FREIGHT CLASS PACKAGE	Chemicals, NOI (Isocyanate)

\* When in individual containers of less than the product RQ, this material ships as non-regulated

WATER TRANSPORTATION:	IMO/IMDG CODE
HAZARD CLASS:	Not Regulated
AIR TRANSPORTATION:	ICAO/IATA
HAZARD CLASS:	Not Regulated

## SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS  
TSCA (TOXIC SUBSTANCE CONTROL ACT): On Inventory  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Reportable quantity 100 lbs  
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):  
3111312 HAZARD CATEGORIES: Immediate Health Hazard; Delayed Health Hazard; Reactive Hazard  
313 REPORTABLE INGREDIENTS: None

## SECTION 16: OTHER INFORMATION

Disclaimer: The information and recommendations contained herein are based on standard product and are proprietary and furnished solely for the use of our customers. While believed to be true and accurate, they are offered solely for your consideration, investigation, and verification, and no guarantee or warranty of any kind, expressed or implied, is made by FLOORMAX™ Coatings with respect to this data. The applicability of federal, state and local laws and regulations to this product information must be determined by the user.