

FLOORMAX™ Coatings

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MATERIAL SAFETY DATA SHEET

Product: FLOORMAX™ Polyurea High Performance Coating Part: Resin
Date: July 3, 2012
Revision No: 1

SECTION 1 Material

Product Name: FLOORMAX™ Polyurea High Performance Coating (Resin)
Chemical Family: Aspartic Ester
Product Use: Polyurea Coatings

SECTION 2 Physical and Chemical Properties

Form:	Liquid	Odor:	Mild Odor
Color:	Clear & Colored	Odor Threshold:	N/A
Molecular Weight:	Not Est.	Solubility in Water % by WT:	Insoluble
Boiling Point:	Not Est.	Specific Gravity (H ₂ O=1) (@ 68°F):	1.01
Vapor Pressure (at 20°C, mm Hg):	Not Est.	Percent VOC's by Volume:	< 1%
Vapor Density (air=1):	Not Est.	Evaporation Rate (butyl acetate = 1):	Not Est.
Freezing Point:	Not Est.	Viscosity (cps at 68°F):	a pprox 200
Bulk Density (lbs/gal):	8.4	Percent Solids by Weight:	> 99

SECTION 3 Stability and Reactivity

Stability: Stable
Incompatibility (Materials to Avoid): Isocyanates, strong oxidizing agents, acids
Hazardous Polymerization: Will not occur
Decomposition Products: Oxides of Nitrogen, amines

SECTION 4 Hazard Identification

Material	%	SARA 313 Reportable	ppm	mg/m3
Aspartic Ester	42-96	none	OSHA PEL-TWA: N/E	
Proprietary	0-75	none	OSHA PEL STEL: N/E	
			OSHA PEL CEILING: N/E	
			ACGIH TLV-TWA: N/E	
			ACGIH TLV STEL: N/E	
			ACGIH TLV CEILING: N/E	

N/E = Not Established

EMERGENCY OVERVIEW: May cause eye, skin, and respiratory tract irritation.

ROUTES OF ENTRY: Inhalation; Skin Contact; Eye Contact; Ingestion

POTENTIAL HEALTH EFFECTS

EYES: Minor eye irritation

SKIN: Slight to moderate skin irritation

INGESTION: No significant signs or symptoms are expected to occur

INHALATION: May cause upper respiratory irritation

ACUTE HEALTH HAZARDS: No significant signs or symptoms are expected to occur

CHRONIC HEALTH HAZARDS: No significant signs or symptoms are expected to occur

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No significant signs or symptoms are expected to occur. May aggravate existing dermatitis

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:

OTHER: None

HMIS HAZARD CLASSIFICATION 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic Health Hazard
HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

SECTION 5 First Aid Measures

Skin Contact: Wash affected areas with soap and water. If irritation develops, SEEK MEDICAL ATTENTION. Remove and launder contaminated clothing before reuse.
Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation develops, SEEK MEDICAL ATTENTION.
Inhalation: Move to fresh air immediately. If breathing is difficult, give oxygen. SEEK MEDICAL ATTENTION.
Ingestion: SEEK MEDICAL ATTENTION. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Do not induce vomiting. Treat symptomatically. Administer two glasses of water for dilution

SECTION 6 Fire-Fighting Measures

Flash Point: >200°F (>93°C) (Test Method: Closed Cup)
Flammable Limits: Not Est.
Auto-Ignition Temperature: Not Est.
Extinguishing Media: Water Spray, Dry Chemical, Foam, and CO₂.
Special Fire Fighting Procedures: Notify authorities immediately if liquid enters sewer/public waters. Heat may build enough pressure to rupture closed containers.
Unusual Fire and Explosion Hazards: Heat from fire can generate flammable vapor
Hazardous Decomposition Products: Oxides of nitrogen, amines

SECTION 7 Accidental Release Measures

Steps to be taken if material is released or spilled: Soak up spills with inert solids. Restrict water use for cleanup. Discard any product, residue, disposable container, or liner in full compliance with federal, state, and local regulations.

SECTION 8 Handling and Storage

HANDLING AND STORAGE: 32-104 deg F
OTHER PRECAUTIONS: Material is hygroscopic. Prevent exposure to moisture

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not Regulated

WATER TRANSPORTATION: IMO / IMDG

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not Regulated

AIR TRANSPORTATION: ICAO / IATA

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not regulated

SECTION 9 Exposure Controls / Personal Protection Information

VENTILATION : General mechanical ventilation is satisfactory for normal handling
RESPIRATORY PROTECTION: None required for normal use
EYE PROTECTION: Safety goggles or splash shield recommended
SKIN PROTECTION: Natural rubber/latex gloves recommended for normal use
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Emergency Eye wash fountains should be available in immediate vicinity

SECTION 10 Toxicology Information

None Established

SECTION 11 Ecological Information

No information available

SECTION 12 Disposal Considerations

WASTE DISPOSAL METHOD: Not considered hazardous waste. Landfill solids at permitted sites

RCRA HAZARD CLASS: Non hazardous.

SECTION 13 Regulatory Information

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

On Inventory

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Reportable quantity - None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

Immediate Health Hazard

313 REPORTABLE INGREDIENTS:

None

SECTION 14 Other Information

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.