



MSDS *Material Safety Data Sheet*

2.1.11

MSDS Number FP510 A

5 Pages

1.0 Product and Company Identification

Manufacturer:
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Product Name: FP510 Part A
Revision Date: 2/1/11
MSDS Number: FP510 A
Chemical Family: Resin Based Coating

2.0 Hazards Identification

Route of Entry: Inhalation, eye and skin contact.
Target of Organs: Eyes; Respiratory System; Skin:
Inhalation: Material is low in volatility and therefore not likely to pose a problem for inhalation.
Skin Contact: Causes irritation with symptoms of reddening, itching, and swelling. Prolonged contact can cause reddening, swelling, rash and in some cases. If irritation persists consult medical physician.
Eye Contact: Liquids, aerosols or vapors are irritating and can cause tearing, reddening, and swelling. If left untreated, corneal damage can occur and injury is slow to heal. However, damage is usually reversible.
Ingestion: Swallowing can result in irritation of the digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea.

3.0 Composition/Information on Ingredients

Ingredients:

CAS #	Chemical Name	Percent
25322694	Polypropylene glycols	20 – 40%
8001794	Castor Oil	20 – 30%
66402684	Ceramic materials and wares, chemicals	20 - 30%
75790748	1, 2, 3-Propanetriol, polymer with 1, 3-dii	3 – 5%
25214635	1, 2-Ethanediamine, polymer with methyl ox	3 – 5%
70775949	Sulfonic acids, C10-18-alkane, Ph esters	3 – 5%
12736968	silicic acid, aluminum potassium sodium	3 - 5%
Proprietary	Ether Alcohol	3 - 5%
1309371	Ferric oxide	2 - 5%

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This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

4.0 First Aid Measures

- Inhalation:** Move to fresh air and administer oxygen or artificial respiration as needed. Obtain medical attention.
- Skin Contact:** In case of skin contact, remove contaminated clothing and wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.
- Eye Contact:** If splashed into the eyes, flush with clean, lukewarm water (low pressure) for at least 15 minutes or until irritation subsides. Refer individual to physician if irritation persists.
- Ingestion:** DO NOT INDUCE VOMITING. Give 1 to 2 cups of milk or water to drink. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Get prompt, qualified medical attention.

5.0 Fire Fighting Measures

Flash Point: >392 DEG F (200 DEG C)
Flash Point Method: DIN 51758

Water, CO2, dry chemical, foam.

Emergency equipment including self-contained breathing apparatus and full protective clothing should be worn by firefighters. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Material supports combustion. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

6.0 Accidental Release Measures

Cover the spill with sawdust, vermiculite, Fuller's earth or other absorbent material. Pour decontamination solution over spill area and allow to react for at least 10 minutes. Collect material for disposal. Wash spill area with hot water.

7.0 Handling and Storage

Handling Precautions: Avoid breathing vapors or mist; Avoid contact with eyes, skin or clothing: Do not expose containers to open flame, excessive heat, or direct sunlight.

Storage Requirements: Storage temperature: Minimum 40-90 DEG F (4-32 DEG C). This material is storable for at least one year in sealed and unopened containers when kept dry and cool. Material is hygroscopic and may absorb small amounts of atmospheric moisture.

8.0 Exposure Controls/Personal Protection

Engineering Controls: Educate and train employees in safe use of this product. Follow all label instructions. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Protective Equipment: An air-supplied respirator must be worn during spray applications, during long-term (over 1 hour) exposures when the product is heated or in environments of high concentrations near the TLV, an air-purifying respirator equipped with organic cartridges or canisters and dust filters can be used. However, due to the poor warning properties of this product, proper fit and timely replacement of filter elements must be ensured. Observe OSHA regulations for respirator use (29CFR 1910.134).
Chemical resistant gloves (butyl rubber, nitrile rubber). Cover as much of the exposed area as possible with appropriate clothing. If skin creams are used, keep the area covered only by the cream to a minimum.
Liquid chemical goggles or full-face shield. Contact lenses should not be worn.
ADDITIONAL PROTECTIVE MEASURES: Clean, fresh running water should be available.

Exposure Guidelines: Exposure Limits: Not established

9.0 Physical and Chemical Properties

Appearance:	Pigmented Liquid	Boiling Point:	Not established
Physical State:	Liquid	Freezing/Melting Pt:	Not established
Odor:	Negligible	Solubility:	Insoluble in water
pH:	N.A.		
Vapor Pressure:	Not established	Spec Grav./Density:	1.23 @ 77 DEG F (25 DEG C)
Vapor Density:	8.5 (MDI)		
VOC:	2 g/L		
Bulk Density:	10.2 lbs/gal		

10.0 Stability and Reactivity

Stability:	Product is stable under normal conditions.
Conditions to avoid:	N.A.
Materials to avoid (incompatibility):	Strong Oxidizing agents.
Hazardous Decomposition products:	By Fire - Carbon dioxide (CO ₂) Carbon monoxide (CO) and other aliphatic fragments which have not been determined.
Hazardous Polymerization:	Will not occur.

11.0 Toxicological Information

Toxicity Data for Sulfonic Acid

Acute Oral Toxicity

LD 50 :> 5,000 mg/kg (rat)

Acute Dermal Toxicity

LD 50 :> 1,000 mg/kg (rat)

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Skin Irritation

Rabbit, No skin irritation

Eye Irritation

Rabbit, No eye irritation

Sensitization

Dermal: non-sensitizer (guinea pig).

12.0 Ecological Information**Ecological Data for Sulfonic Acid****Biodegradation:** 31%, exposure time 28 days**Acute and Prolonged Toxicity to fish:** LCO: > 100mg/l (zebra fish (Brachydanio rerio), 96 hours).**Acute Toxicity to Aquatic Invertebrates:** EC50 1,000 mg/l (Water flea (Daphnia magna), 48 hrs)**Toxicity to Aquatic Plants:** EC50 :> 10,000 mg/l, (Green algae (Scenedesmus subpicatus), 72 hr)
No effects seen at saturation concentration.**Toxicity to Microorganisms:** EC50: > 10,000 mg/l, (activated sludge microorganisms)**13.0 Disposal Considerations**

Waste and container disposal must be in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Decontaminate prior to disposal. **DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCH.**

14.0 Transport Information**DOT (HM-181; DOMESTIC SURFACE)**

UN/NA NUMBER:	none
D.O.T. SHIPPING NAME:	Resin Based Coating
D.O.T. HAZARD CLASS:	NON REGULATED
PACKAGING GROUP:	none
D.O.T. LABEL	none
D.O.T. PLACARD	none

ICAO/IATA (AIR)

UN NUMBER:	none
PROPER SHIPPING NAME:	Resin Based Coating
HAZARD CLASS DIVISION NUMBER:	NON REGULATED
SUBSIDIARY RISK:	none
PACKING GROUP:	none
HAZARD LABEL(S):	none
RADIOACTIVE?:	Non-radioactive
PASSENGER AIR-MAXIMUM QUANTITY:	none
PACKING INSTRUCTION NUMBER:	none
CARGO AIR - MAXIMUM QUANTITY:	none
PACKING INSTRUCTION NUMBER:	none

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UN NUMBER: none
PROPER SHIPPING NAME: Resin Based Coating
IMO/IMDG CODE (OCEAN)
HAZARD CLASS DIVISION NUMBER: NON REGULATED
PACKING GROUP: none
HAZARD LABEL(S): none
HAZARD PLACARD (S): none

15.0 Regulatory Information

COMPONENT / (CAS/PERC) / CODES

*Ferric oxide (1309371 2-5%) MASS, OSHAWAC, PA, TXAIR

TSCA: All components in this mixture are included in the TSCA Inventory.

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To - Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

16.0 Other Information

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).

End of MSDS

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