

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PRO-FIX 5&10 PART A**8-14-12****SECTION 2- HAZARDOUS INGREDIENTS / DENSITY**

HAZARDOUS COMPONENT(S) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	%
Epoxy Resin	NONE	NONE	NONE	70-90
Rubber Modifiers	NONE	NONE	NONE	10-15
Inert Fillers	NONE	NONE	NONE	1-4

This product does not contain any hazardous chemicals as defined by the OSHA Hazard Communications standard

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	Decomposes before boiling	Specific Gravity (H ₂ O – 1):	1.15	Vapor Pressure (mm Hg); Solid	N/A
Vapor Density:	N/A	Solubility in Water	Negligible	Reactivity in Water	NONE
Appearance and Odor	Opaque, no noticeable odor	Melting Point:	Soften and Melts over 140 degree F		

SECTION 4 – FIRE & EXPLOSIVE DATA

Flash Over Point: 200 deg. F	Method Closed Cup	Flammable Limits in Air % by volume	LEL not determined	UEL Not Determined
Auto-Ignition Temperature:	Over 500 deg. F	Extinguisher Media:	Foam CO ₂ , Dry Chemical	

Special Fire Fighting Procedure: USE SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: Exothermic, Decomposes

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable	Conditions to avoid: None
Incompatibility (material to avoid);	Strong acids, alkalis, amines
Hazardous Decomposition Products:	Oxides of carbon and nitrogen, aldehydes and other organics.
Hazardous Polymerizations:	Not available Conditions to avoid: Do not expose to fire, flame or excessive heat

SECTION 6 – HEALTH HAZARDS

Hazard Possible minor skin irritation may result from excessive contact with adhesive.

Medical Conditions Generally Aggravated by Exposure: Sensitive skin, allergies

Chemical listed as Carcinogen National Toxicology Program NO I.A.R.C. Monographs NO OSHA: NO

First Aid: Routes of Entry Inhalation: N/A Eyes: Flush with water and seek medical attention. Skin: Wash skin with soap and water, remove contaminated clothing and wash. Ingestion: Not a probable route of entry.

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Store at 0 deg F for long shelf life. Other Precautions None

Steps to be Taken in Case Material is Released or Spilled: Contain with speedy-dry and containerize.

Waste Disposal Methods: Bury as solid waste in an approved landfill or incinerate in accordance with regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection: Not normally necessary. Eye protection always Ventilation: Mechanical suggested

Protective Gloves: Cotton, rubber Other Protective Clothing or Equipment: Clean long sleeve and leg clothing

Work / Hygiene Practices: Normal good industrial

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PRO-FIX 5&10 PART B 8-14-12

SECTION 2- HAZARDOUS INGREDIENTS / DENSITY

HAZARDOUS COMPONENT(S) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	%
Mercapton polymer	NONE	NONE	NONE	>80
Rubber Modifiers	NONE	NONE	NONE	<15
Silica Amorphous, Fumed	6mg/m3 TWA;	10mg/m3 TWA;	3mg/m3 TWA	<5

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SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	No Data	Specific Gravity (H ₂ O – 1):	.96	Vapor Pressure <1% (mm Hg);
Vapor Density:	N/A	Solubility in Water	Slight	Reactivity in Water
Appearance and Odor	Amber Ammoniacal Irritating	Melting Point:	No Data	No Data

SECTION 4 – FIRE & EXPLOSIVE DATA

Flash Over Point: 200 deg. F	Method Used:	Closed Cup	Flammable Limits in Air % by volume	LEL Lower:	Not Determined	UEL Upper:	Not Determined
Auto-Ignition Temperature:	No Data	Extinguisher Media:	Foam CO ₂ , Dry Chemical				

Special Fire Fighting Procedure: USE SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: May generate irritating combustions products. Sudden reaction and Fire may result if product is mixed with an oxidizing agent

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:	Stable	Conditions to avoid:	None
Incompatibility (material to avoid);		Oxidizing Agents,	cleaning solutions, such as chromerge (sulfuric acid/dichromate)
Hazardous Decomposition Products:		Oxides of carbon and nitrogen,	aldehydes and other organics.
Hazardous Polymerizations:	polymerization with heat build up.	Will not occur by itself, but masses combined with epoxy resin cause irreversible	Conditions to avoid: Do not expose to fire, flame or excessive heat

SECTION 6 – HEALTH HAZARDS

Hazard Possible minor skin irritation may result from excessive contact with adhesive.

Medical Conditions Generally Aggravated by Exposure: Sensitive skin, allergies

Chemical listed as Carcinogen National Toxicology Program NO I.A.R.C. Monographs NO OSHA: NO

First Aid: Routes of Entry Inhalation: N/A Eyes: Flush with water and seek medical attention. Skin: Wash skin with soap and water, remove contaminated clothing and wash. Ingestion: Not a probable route of entry.

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Store at 0 deg F for long shelf life. Keep away from oxidizers

Other Precautions: Emergency shower and eye wash station should be readily accessible.

Steps to be Taken in Case Material is Released or Spilled: Contain with speedy-dry and containerize.

Waste Disposal Methods: Bury as solid waste in an approved landfill or incinerate in accordance with regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection: Not normally necessary. Eye protection always Ventilation: Mechanical suggested

Protective Gloves: Cotton, rubber Other Protective Clothing or Equipment: Clean long sleeve and leg clothing

Work / Hygiene Practices: Normal good industrial