

Section 1 – Product Identification and Use

PRODUCT NAME: Hardener		PRODUCT IDENTIFICATION NUMBER.: Not Applicable	
PRODUCT USE:			
MANUFACTURER		SUPPLIER	
Fullerton Finish Systems, Inc. 8645 W. 21 st Street Sand Springs, OK 74063 Phone No: (866) 915-9995		Fullerton Finish Systems, Inc. 8645 W. 21 st Street Sand Springs, OK 74063 Phone No: (866) 915-9995	

Section 2 – Hazardous Ingredients

Hazardous Ingredients	Common Name	CAS #	OSHA PEL	ACGIH TLV
Triethanolamine		102-71-6		
Piperazine		110-85-0		
N-Aminoethylpiperazine		140-31-8		
Polyoxypropylenediamine		9046-10-0		

Section 3 – Physical/Chemical Characteristics

Boiling Point: Not Determined	Specific Gravity (H₂O=1) 0.948
Vapor Pressure (mm Hg.) Not Determined	Melting Point Not Available
Vapor Density (AIR=1) Not Applicable	Evaporation Rate L.T. 1
Solubility in Water: Soluble	(Butyl Acetate=1):
Appearance: Gray color	Odor: Ammoniacal

Section 4 – Fire and Explosion Data

Flash Point (Method Used): 255° F (PMCC)	Flammable Limits: Not Determined	LEL: Not Determined	UEL: Not Determined
Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide			
Special Fire Fighting Procedures: Use water to cool fire – exposed containers			
Unusual Fire and Explosion Hazards: Ammonia, carbon monoxide and carbon dioxide may be formed on burning in limited air supply.			

Section 5 – Reactivity Data

Stability: Unstable Stable X	Hazardous May Occur Polymerization: Will Not Occur X
Incompatibility (Materials to Avoid): This material reacts violently with acids.	
Hazardous Decomposition or Byproducts: Not Applicable	
Conditions to Avoid: Not Applicable	

Section 6 – Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? No
Health Hazards (Acute and Chronic): Acute - Fumes can irritate upper respiratory system.			
Carcinogenicity:	NTP? No	LARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure: Rash – eyes burn			
Medical Conditions Generally Aggravated by Exposure: Allergies and bronchitis.			
Emergency and First Aid Procedures: Should symptoms of irritation of upper respiratory tract occur, remove to fresh air (eye contact flush with water thoroughly).			

Section 7 – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Use sand, clay, floor absorbent or any absorbent material.
Waste Disposal Method: Mix resin and hardener according to the instructions, let material become solid. Dispose according to state regulations or approved land fill.
Precautions to be Taken in Handling and Storing: Keep containers closed and dry.
Other Precautions: None

Section 8 – Control Measures

Respiratory Protection (Specify Type): OSHA approved particle mask.			
Ventilation:	Local Exhaust? Yes	Mechanical (General)? General	Special N/A Other N/A
Protective Gloves: Yes	Eye Protection: OSHA approved goggles		
Other Protective Clothing or Equipment: None			
Work/Hygienic Practices Use standard hygienic practices.			

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