



MATERIAL SAFETY DATA SHEET

Section I - Identification

Manufacturer AGS Company(American Grease Stick Co.) Phone 616-733-2101  
2651 Hoyt Street  
Muskegon Hts., MI 49444  
Trade Name EPOXY-BAR Hardener (Cat. No. EB-2)  
Common Name EPOXY-Bar Hardener Chemical Family Mixture

Section II - Hazardous Ingredients

<u>Hazardous Ingredient</u>	<u>CAS No.</u>	<u>Wgt. %</u>	<u>TLV</u>
1. <u>Fatty Amidoamine</u>	<u>68443-08-3</u>	<u>15-20%</u>	
2. <u>Metal Silicate</u>		<u>10-20%</u>	<u>20 mppcf</u>
3. <u>Calcium Carbonate</u>	<u>471-34-1</u>	<u>10-20%</u>	<u>10 mg/m<sup>3</sup></u>
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			
12. _____			

Section III - Physical Data

Ph as Supplied Not Determined Boiling Point 450°F.  
Ph - Diluted Not Applicable % Volatiles 0 %  
Water Solubility Partially Vapor Press Very Low  
Specific Grav. (H<sub>2</sub>O=1) 2.0 Vapor Density (Air=1)>1  
Melt Point Not Determined Evap. Rate Not Applicable  
Appearance Stiff putty with slight ammonia odor.

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Section IV - Fire & Explosion Data

Flash Pt. 490<sup>o</sup>F. Method C.O.C.

Auto Ignition Temp. Not Determined

Flammable Limits LEL Not Determined UEL Not Determined

Extinguishing Media CO<sub>2</sub>, foam, dry chemical

Special Procedures Use self-contained breathing apparatus.

Unusual Hazards Burning causes decomposition with possible formation of ammonia vapors and oxides of nitrogen.

Section V - Reactivity Data

Unstable Conditions and Auto Reactive Autopolymerization may occur.

Incompatible Materials Mineral acids, bases, amines and mercaptans

Hazardous Decomposition Products Ammonia, aldehydes, oxides of carbon and nitrogen.

Section VI - Emergency First Aid

Eyes Flush with water for at least 15 minutes. Get medical attention immediately.

Skin Wash contact area with mild soap and water. Adverse effects occur, get medical attention.

Ingestion Do not induce vomiting. Get medical attention.

Inhalation Remove victim to fresh air. Administer oxygen or artificial respiration as required. Get medical assistance.

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Section VII - Health Effects

Eyes Contact may cause irritation.

Skin Contact may cause irritation. Long term or repeated contact may  
cause sensitization.

Inhalation Cause irritation to the respiratory tract and  
mucuous tissues.

Ingestion Not known. Consult a physician.

Other Effects None Known

Section VIII - Ventilation and Protective Measures

Ventilation Requirements Suitable to maintain concentration below TLV's.

Protective Equipment

Respiratory Organic vapor mask if TLV is exceeded or used  
in confined area.

Eye Safety goggles.

Gloves Plastic or rubber

Other Safety shower, eye bath, and protective clothing.

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Product - EPOXY-BAR Hardener(EB-2)

Section IX - Storage and Handling Procedures

Conditions to Avoid Store away from heat or source of ignition.

Avoid contact with eyes, skin or clothing.

Other Precautions Store in a cool dry place.

Section X - Spill Procedures and Waste Disposal

Accidental Release or Spill Procedures Not Applicable

Waste Disposal Method Not Known

Special Restrictions on Waste Disposal Removal by licensed approved

waste hauler.

Approved By Chad Hiddema

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