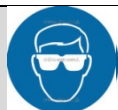


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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER:

AM-25

PRODUCT USE:

Ceramic preformed media intended for use in mass finishing operations on metal and various other parts. In wet finishing applications only.

MANUFACTURER

Abrasive Finishing Inc.
11770 Dexter Road
Chelsea, Michigan 48118

CONTACT INFORMATION:

Internet

www.abrasivefinishing.com

Telephone

Information

(734) 475-9111

Fax

(734) 475-3300

24 HOUR EMERGENCY

734-260-1000

E-mail

info@abrasivefinishing.com

SECTION 2: HAZARD IDENTIFICATION

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the Substance or Mixture

SIGNAL WORD

WARNING!

Hazard Pictogram



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	CAS Number
Magnesium Aluminum Silicate	1302-88-1
Calcined Alumina	1344-28-1

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SECTION 4: FIRST AID MEASURES

Gross Inhalation of Dust

Skin Contact

Eye Contact

Ingestion

SECTION 5: FIREFIGHTING MEASURES

**Suitable Extinguishing
Media**

This product does not burn. Use any media that is appropriate for the surrounding fire.

**Special Firefighting
Procedures**

None needed

**Unusual Fire and
Explosion Hazards**

This product does not burn. However, consideration must be given to the potential fire/explosion hazards from the base material being processed. Many materials create flammable/explosive dusts or turnings when sanded, machined or ground.

**Hazardous Combustion
Products**

None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear gloves as required per job and Safety Glasses or Goggles for eye protection.

**Environmental
Precautions**

Knock down dust with water spray.

Methods for Clean Up

Clean up excess material with broom and shovel to avoid a possible slipping hazard.

**Materials NOT to be used
for Clean up**

Do not use compressed air for clean up.

**Reference to other
sections**

Personal protective equipment: See Section 8.
Disposal considerations: See Section 13.

SECTION 7: HANDLING AND STORAGE

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Handling: Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking.

Storage: Store in a dry location.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Guidelines

Hazardous Component	OSHA PEL
Magnesium Aluminum Silicate	N/A
Calcined Alumina	15 mg/m ³ (total dust)

Engineering Controls:

Process enclosures, local exhaust or other engineering process controls may be necessary to keep any air contaminants associated with this product within their TLV'S. This is particularly true if user operation generates dust.

Respiratory Protection:

As this product is a proprietary mixture of unique ingredients, it does not have an established limit for airborne concentration (PEL or TLV). Furthermore, if this material is used as recommended with solution, it should have limited potential to expose personnel with dusts that would require respiratory protection. The user must review their own circumstances and then determine what is required to establish a respiratory protection program that meets their requirements, within OSHA 1910.134. If workplace conditions warrant respiratory protection, use MSHA/ NIOSH approved units as listed in the current 29 CFR 1910.134 for the existing conditions. Actual respirator selection should be made after consultation with a competent health and safety professional.

Protective Gloves:



Eye Protection:



Other Protective Clothing or Equipment:

Wear clothing designed to limit direct exposure to product or dusts associated with product. If clothing becomes contaminated, it should be laundered before

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Work/Hygienic Practices:

wearing again. Barrier skin creams may be applied to parts of the body not otherwise protected if worker find this beneficial.

Wash hands thoroughly with soap and water before eating or drinking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Solubility in Water: Insoluble

Specific Gravity (H₂O = 1): 3.01

Melting Point: Approx. 2,400⁰ F

Flammable Limits:

LEL: Not Applicable

Appearance and Odor: Dark brown ceramic stones, odorless.

Vapor Pressure (mm Hg): Not Applicable

Vapor Density (Air = 1): Not Applicable

Evaporation Rate (Butyl Acetate = 1): Not Applicable

Flash Point: Not Applicable

UEL: Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable under normal storage and use conditions

Incompatibility (Materials to Avoid):

None known

Hazardous Decomposition or Byproducts:

None known

Hazardous Polymerization:

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects

This product and its components are not acutely

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toxic.

Routes of Entry: Inhalation Skin Ingestion

Health Hazards: Avoid breathing dust. Inhalation of dust may cause irritation of the nose, throat and respiratory passages. Long term exposure may cause severe and permanent damage to the lungs.

Signs and Symptoms of Exposure: Overexposure to nuisance dusts may cause mucous membrane and respiratory irritation, eye irritation, cough, sore throat, nasal congestion, sneezing, and/or shortness of breath.

Medical Conditions Generally Aggravated by Exposure: Individuals with pulmonary and/or respiratory disease, including but not limited to asthma and bronchitis or subject to eye irritation, should be precluded from exposure to dust.

SECTION 12: ECOLOGICAL INFORMATION

No ecological information is available for this product. No hazards to the environment are expected from this product. However, consideration must be given to potential environmental effects of the base material being processed.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial, and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT HAZARDOUS MATERIALS DESCRIPTION

Proper Shipping Name	No t Re gul ate d
UN Number	No ne
Hazard Class / Packing Group	No ne
Labels Required	No

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SECTION 15: REGULATORY INFORMATION

SARA Section 311/312 Hazard Categories

None of the ingredients are listed.

US Inventory (TSCA 8b)

All components are listed or exempted.

CALIFORNIA PROPOSITION 65:

None of the ingredients are listed.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health = 0
Flammability = 0
Reactivity = 0
Personal Protection = A (Safety Glasses)

This Safety Data Sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200). Information provided is based upon data believed to be correct, however, no warranty or guarantee, expressed or implied, is made regarding such information.