

Grobet File Company of America, LLC

Safety Data Sheet

Buffing Compound

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1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: ZAM
Product Number: 47.502, 47.503
Brand: GROBET USA
Index Number: N/A
REACH Number: N/A
CAS-No: N/A

1.2 Relevant identified uses of the mixture

Identified uses: Buffing and polishing

1.3 SDS Supplier Details

Grobet File Company of America, LLC
750 Washington Avenue
Carlstadt, NJ 07072 Phone: 201-939-6700

1.4 Emergency Telephone Number

ChemTel: 1-800-255-3924

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

THE PRODUCTS IN THIS MIXTURE ARE NOT CLASSIFIED AS HAZARDOUS BY OSHA. THE PRODUCTS IN THIS MIXTURE ARE NOT CLASSIFIED AS DANGEROUS SUBSTANCES OR MIXTURES ACCORDING TO THE GLOBALLY HARMONIZED SYSTEM (GHS).

2.2 LABEL ELEMENTS

SYMBOL(S) NONE

SIGNAL WORD NONE

HAZARD STATEMENT(S): NONE

PRECAUTIONARY STATEMENTS:

P261 - Avoid breathing dust.

P280 - Wear eye protection

P285 - In case of inadequate ventilation wear respiratory protection.

P305 + P351 + P338: IF IN EYES, Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do.

P302 + P352 - IF ON SKIN - Wash with soap and water

2.3 OTHER HAZARDS

Prolonged or excessive contact may cause irritation of the respiratory tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | EINECS | Weight % | RTECS # |
|---------------------------------|-----------|-----------|----------|-----------|
| Aluminum Oxide (Non-Fibrous) | 1344-28-1 | 215-691-6 | <80% | BD1200000 |
| Chromium III Oxide | 1308-38-9 | 215-160-9 | < 4% | |
| Stearic Acid | 57-11-4 | | <15% | W12800000 |

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation: Remove victim from exposure. Keep victim at rest and give oxygen if breathing is difficult. If symptoms develop obtain medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Ingestion: Rinse mouth with plenty of water. Seek medical advice.

4.2 Signs and Symptoms of Exposure:

Coughing and/or sneezing if dust is generated during use.

Possible skin or eye irritant.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Water fog, Foam, or Carbon Dioxide

5.2 Special Hazards Arising From the Mixture:

TOXIC VAPORS MAY BE RELEASED:

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

5.3 Advice for Firefighters: Extinguish preferably with dry chemical foam or water

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. In case of exposure to high levels of airborne dust, wear a personal respirator.

6.2 Environmental Precautions

No special environmental precautions are required.

6.3 Methods and Materials for Containment and Cleaning Up

Recover product and place into the appropriate containers for disposal or recycling.

Preferable method is by using a vacuum device, if available, otherwise by broom and shovel

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid inhaling dust. Use in a well-ventilated area. Wash hands before eating, drinking, or smoking.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store away from excessive heat. Keep product dry and in closed containers when possible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

| Substance | CAS # | OSHA TWA | ACGIH TWA |
|---------------------------------|-----------|----------------------------|-----------|
| Aluminum Oxide (Non-Fibrous) | 1344-26-1 | 15(dust); 5(resp)mg/m3 TLV | 10 mg/m3 |
| Chromium III Oxide | 1308-38-9 | 1 mg/m3 | 0.5 mg/m3 |
| Stearic Acid | 57-11-4 | No data | No data |

8.2 Personal Protection Equipment

Respirators: Avoid breathing dust. If concentrations exceed the exposure limits listed or irritation symptoms are experienced, follow OSHA respirator regulations found in 29 CFR or European Standard EN 149

Eye

Protection: Avoid eye contact. Wear protective eye wear (goggles, face shield, safety glasses)

Gloves: Wear protective gloves

Body Protection Avoid skin contact. Wear suitable protective clothing

Engineering Controls Provide sufficient ventilation, particularly in closed rooms. Maintain concentration below applicable permissible standards.

Other: Remove contaminated clothing immediately. Contaminated clothing must be thoroughly cleaned.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|-------------------------|
| a) Appearance | Green solid |
| b) Odor | Waxy |
| c) pH | N/A |
| d) Melting/ Freezing Point | Melts at 41.7 degrees C |
| e) Boiling Point | N/A |
| f) Flash Point | 180 degrees F (COC) |
| g) Evaporation | N/A |
| h) UEL/LEL Flammability or Explosive Limits | N/A |
| i) Vapor Pressure | <1mbar |
| j) Vapor Density | N/A |

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| | |
|------------------------------|-------------------------------------|
| k) Relative Density | N/A |
| l) Solubility in Water | Insoluble |
| m) Decomposition | |
| Temperature | 260-270 degrees F (as Stearic Acid) |
| n) Viscosity | N/A |
| o) Explosive | |
| Properties | None known |
| p) Oxidizing | |
| Properties | None known |
| 9.2 Other Safety Information | No data available |

10: STABILITY AND REACTIVITY

| | |
|---|--|
| 10.1 Reactivity | No data available |
| 10.2 Chemical Stability | Stable under recommended storage conditions |
| 10.3 Possibility of Hazardous Reactions | TOXIC VAPORS MAY BE RELEASED UNDER FIRE CONDITIONS |
| 10.4 Conditions to Avoid | Keep away from heat and away from ignition sources |
| 10.5 Incompatible Materials | No data available |
| 10.6 Hazardous Decomposition Products | TOXIC VAPORS MAY BE RELEASED IN FIRE. |

11: TOXICOLOGICAL INFORMATION

| | |
|---|--|
| 11.1 Information on Toxicological Effects | |
| Mixture | |
| Acute Toxicity | |
| Inhalation | Inhalation of the dust generated during the buffing operation may cause breathlessness, coughing, tightness of the chest and difficulty breathing. |
| Skin Contact | Prolonged contact may cause skin abrasion, redness, and itching. |
| Eye Contact | Eye irritant. May cause tearing and redness. |
| Ingestion | May cause headache, nausea, and vomiting |
| Irritation | Causes eye irritation. May cause respiratory irritation. May cause transient irritation |
| Corrosivity | Not to be expected |
| Sensitisation | No data |
| Repeated Dose | |
| Toxicity | No data |
| Carcinogenicity | , |
| Mutagenicity | No data |
| Toxicity for | |
| Reproduction | No data |
| 11.2 Additional Information | None |

12: ECOLOGICAL INFORMATION

| | |
|------------------------------------|---|
| 12.1 Toxicity | No data |
| 12.2 Persistence and Degradability | No data |
| 12.3 Biocumulative | |
| Potential | The mixture has low potential for bioaccumulation |
| 12.4 Mobility in Soil | No data |

12.5 Results of PBT**and vPvB****Assessment**

No data

12.6 Other Adverse**Effects**

None known

13: DISPOSAL CONSIDERATIONS**13.1 RCRA Status**

If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic nor is it federally (USA) regulated. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether material containing the product or derived from the product should be classified as hazardous waste.

14: TRANSPORT

| | | |
|-------------|------------------------------|---|
| 14.1 | UN Number | None |
| 14.2 | Proper Shipping Name | Not classified as dangerous for transport |
| 14.3 | Transport Regulations | |
| | DOT (US) | Not regulated |
| | IMG/IMO | Not regulated |
| | RID | Not regulated |
| | ADR | Not regulated |

15: REGULATORY INFORMATION**15.1 Safety, Health, and Environmental Regulations Specific for the Mixture****15.1.1 EU Regulations**

| | |
|--|---------------------------------------|
| Authorization and/or Restrictions for Use European Union (EINECS/LINCS) | Consult the supplier |
| German WGK Number | All chemicals listed Not available |

15.1.2 National Regulations

| | |
|--|---------------|
| USA | |
| TSCA (Toxic Substance Control Act) | Listed- None |
| SARA 311/312 - Hazard Categories | |
| SARA 302 - Extremely Hazardous Substances | Listed - None |
| SARA 313-Toxic Chemicals | Listed - None |
| CERCLA (Comprehensive Response Compensation and Liability Act) | Listed - None |
| CAA (Clean Air Act 1990) | Listed - None |
| CWA (Clean Water Act) | Listed - None |
| State Right to Know Lists | Listed - None |
| Proposition 65 (California) - | |

Canada

| | |
|----------------------|--------------------|
| WHMIS Classification | Listed - None |
| Canada (DSL/NDSL) | Listed - DSL |
| Canada Ingredient | |
| Disclosure List | Listed as required |

15.2 Chemical Safety Assessment

Irritant (Skin, Eye, Respiratory System).

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|------------------------------|
| 16: OTHER INFORMATION |
|------------------------------|

Risk Phrases and Safety Phrases

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|------------|---|
| R36/37/38: | Irritating to eyes, respiratory system, and skin |
| S26: | In case of contact with eyes, rinse immediately with plenty of water and seek medical attention |
| S36: | Wear suitable protective clothing |
| S38: | In case of insufficient ventilation, wear suitable respiratory equipment |

Hazard Statement(s) and Precautionary Statement(s)

| | |
|---------------------|--|
| P260: | Do not breathe dust |
| P304 + P341: | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P305 + P351 + P338: | IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing |

NFPA Rating: Health=1, Flammability=0, Reactivity=0, PPE=E

**Company Policy or
Disclaimer:****DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES**

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