

Grobet File Company of America, LLC

Safety Data Sheet

Buffing Compound

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Supersedes Revision: Aug. 3, 2011

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

Zam Tube
720041
720042

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%	WI2800000

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

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	Consult the supplier
European Union (EINECS/LINCS)	All chemicals listed
German WGK Number	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).

16: OTHER INFORMATION

Risk Phrases and Safety Phrases

- 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

The information presented in this Safety Data Sheet is presented in good faith based on the data believed to be accurate as of the date this Safety Data Sheet was prepared.

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