

FLEXOVIT USA INC.

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

- 1.1 Product Name Flaring Cupstones (Metal, Concrete, Nonferrous)
- 1.2 Product Use Rough Grinding and Snagging
- 1.3 Company Details: **Flexovit Abrasives Inc.**
- Address: 1305 Eden-Evans Center Rd.
Angola, NY 14006
- Phone: 1-716-549-5100
- Fax: 1-716-549-4078

SECTION 2 - Hazard Information

2.1 Precautionary statements

WEAR EYE PROTECTION
HAVE PROPER VENTILATION

2.2 Description of Hazards

DUST MAY CAUSE EYE OR RESPIRATORY IRRITATION

SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
SILICON CARBIDE		0-95%	N/A	N/A
ALUMINUM OXIDE		0-95%	N/A	N/A
ZIRCONIUM OXIDE		0-95%	N/A	N/A
PHENOLIC RESIN		1-30%	N/A	N/A
IRON PYRITE		0-20%	N/A	N/A
CALCIUM SULPHATE		0-15%	N/A	N/A
CRYOLITE		0-15%	N/A	N/A

SECTION 4-First Aid

4.1 First Aid for exposure

INGESTION: IF GRINDING DUST IS SWALLOWED SEEK MEDICAL ATTENTION
INHALATION: IF OVEREXPOSED TO GRINDING DUST REMOVE VICTIM TO FRESH AIR
EYE CONTACT: FLUSH EYES THOROUGHLY WITH WATER, GET MEDICAL ATTENTION IF IRRITATION PERSISTS
SKIN CONTACT: WASH DUST FROM SKIN WITH SOAP AND WATER, LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE

4.2 Signs and Symptoms of Exposure

EYE, THROAT OR SKIN IRRITATION

SECTION 5 - Fire Fighting Measures

- 5.1 Means Of Extinction: USE ANY MEANS THAT ARE APPROPRIATE FOR SURROUNDING FIRE
- 5.2 Unusual Fire or Explosion Hazards: THIS PRODUCT IS NOT COMBUSTIBLE
Flammable Properties: NONE
- 5.3 Special Fire Fighting Procedures: NONE

SECTION 6 - Accidental Release Measures

PICK UP, SWEEP UP OR VACUUM AND PLACE IN A CONTAINER FOR DISPOSAL.

SECTION 7- Storage, Handling and Use Procedures

- 7.1 Handling: USE ONLY WITH ADEQUATE VENTILATION, AVOID BREATHING DUST WASH AFTER HANDLING AND USE
- 7.2 Storage: STORE IN ACCORDANCE WITH ANSI B7.1 PROTECT ABRASIVE WHEELS FROM DAMAGE

SECTION 8- Personal Protective Control Measures

8.1 Exposure limits

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
ALUMINUM OXIDE	5mg/m3 15 mg/m3 total dust	1mg/m3
SILICON CARBIDE	NONE ESTABLISHED	10 mg/m3 inhalable 3 mb/m3 respirable
ZIRCONIUM OXIDE	5 mg/m3	5mg/m3
CURED PHENOLIC RESIN	NONE ESTABLISHED	NONE ESTABLISHED
IRON PYRITE	NONE ESTABLISHED	NONE ESTABLISHED
CALCIUM SULPHATE	NONE ESTABLISHED	NONE ESTABLISHED
CRYOLITE	2.5mg/m3	2.5 mg/m3

8.2 Personal protection requirements and referrals

- Respiratory: USE NIOSH APPROVED RESPIRATOR AS EXPOSURE LIMITS ARE EXCEEDED OR ARE EXCESSIVE
- Ventilation: USE LOCAL EXHAUST OR GENERAL VENTILATION TO MINIMIZE EXPOSURE TO DUST
- Protective Gloves: CLOTH OR LEATHER GLOVES RECOMMENDED
- Eye Protection: SAFETY GOGGLES OR FACE SHIELD OVER SAFETY GLASSES WITH SIDE SHIELDS
- Hearing Protection: USE APPROVED EAR PROTECTION WHEN GRINDING
- Body Protection: PROTECTIVE CLOTHING TO PREVENT CONTAMINATION OF PERSONAL CLOTHING
- Hygienic Practices:

SECTION 9- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	N/A
Vapor Pressure	N/A	Melting Point	N/A
Vapor Density	N/A	Evaporation Rate	(E)N/A
Solubility in Water	N/A	Appearance	BROWN OR GRAY IN APPEARANCE
Lower And Upper Explosion Limits		Odor	
Flammable Limits		Degradation Temperature	N/A
Flash Point			

SECTION 10 - Stability and Reactivity Data

SECTION 11 - Toxicological Data

11.1 Component information

HEALTH HAZARDS:

INGESTION: NONE EXPECTED UNDER NORMAL USE CONDITIONS

HAZARDOUS DECOMPOSITION PRODUCTS: DUST FROM GRINDING COULD CONTAIN INGREDIENTS LISTED IN SECTION 3 AND OTHER POTENTIALLY MORE HAZARDOUS COMPONENTS OF THE BASE MATERIAL BEING GROUND OR COATINGS APPLIED TO THE BASE MATERIAL

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

Section 12-Ecological Information

NONE

Section 13-Disposal Considerations

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE AND FEDERAL REGULATIONS

Section 14-Transport Information

PROPER SHIPPING NOT REGULATED

Section 15-Regulatory Information

NONE

Section 16-Other Information

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COMPANY USE

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