

FLEXOVIT USA INC.

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

1.1 Product Name Resin Bonded Plugs and Cones
1.2 Product Use 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

2.2 Description of Hazards

(Applicable during the grinding, sawing and rubbing processes)

Health Hazards (acute and chronic)

Ingestion: No known acute effects

Skin: Dust or chips may cause cuts, abrasions or allergic reactions

Inhalation: Potential irritation and congestion of air passages

Eye: Potential irritation by abrasion with dust or chips

SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Cryolite 2-50				15096-52-3
Potassium Flouborate 2-50				14075-53-7
Lime 2-50				1305 -78 – 8
Phen Resin 2-50				108 – 95 – 2
Furfural 2-50				98 – 01 – 1
Iron Pyrites 2-50				12068 – 85 – 8
Silicon Carbide		0-98		409 – 21 – 2
Aluminum Oxide		0-98		1344 – 28 – 1

SECTION 4 - First Aid

4.1 First Aid for exposure

Inhalation: Move victim into fresh air
Eyes: Flush eyes for 15 minutes
Ingestion: Do not induce vomiting, seek medical attention

4.2 Signs and Symptoms of Exposure

Shortness of breath, coughing

SECTION 5 - Fire Fighting Measures

- 5.1 Means Of Extinction: Same media of surrounding area
- 5.2 Unusual Fire or Explosion Hazards: Dust generated by the abrasive products may be explosive in the correct air/dust ratio
- Flammable Properties: None flammable
- 5.3 Special Fire Fighting Procedures: Firefighters should wear self contained breathing apparatus
Avoid inhalation of smoke

SECTION 6 - Accidental Release Measures

N/A

SECTION 7 - Storage, Handling and Use Procedures

- 7.1 Handling: None
- 7.2 Storage: None

SECTION 8 - Personal Protective Control Measures

8.1 Exposure limits

Chemical	OSHA PEL	ACGIH TLV
Cryolite	NA	2.5mg/m ³
Potassium Flouborate	2.3mg/m ³	2.5mg/m ³
Lime	5mg/m ³	2mg/m ³
Phen Resin	19mg/m ³	5PPM
Furfural	5PPM (skin)	2PPM (skin)
Iron Pyrites	10mg/m ³	5mg/m ³
Silicon Carbide	15mg/m ³	10mg/m ³
Aluminum Oxide	15mg/m ³	20mg/m ³

8.2 Personal protection requirements and referrals

Respiratory: NIOSH and/or MSHA approved respirator classified for nuisance dust

Ventilation:

Protective Gloves: May be required by specific grinding operations

Eye Protection: Safety glasses

Hearing Protection: Not required

Body Protection: As required by specific grinding operations

Hygienic Practices: Normal washing and hygiene practices

SECTION 9 - Physical/Chemical Characteristics

Boiling Point		N/A	Specific Gravity	N/A
Vapor Pressure	(mm Hg.)	N/A	Melting Point	N/A
Vapor Density	(AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water		N/A	Appearance	Solid abrasive product
Lower And Upper Explosion Limits		N/A	Odor	No odor
Flammable Limits			Degradation Temperature	N/A
Flash Point	None Flammable			

SECTION 10 - Stability and Reactivity Data

Stable
Hazardous Polymerization will not occur
Conditions to Avoid: None

SECTION 11 - Toxicological Data

11.1 Component information

<u>Chemical</u>	<u>Short term effects</u>	<u>Long term effects</u>	<u>Carcinogen</u>
Cryolite			
Potassium Fluoborate			
Lime			
Phen Resin			Potential Carcinogen
Furfural			
Iron Pyrites			
Silicon Carbide			
Aluminum Oxide			

11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

Section 12 - Ecological Information

N/A

Section 13 - Disposal Considerations

N/A

Section 14 - Transport Information

N/A

Section 15 - Regulatory Information

Do not exceed recommended RPM's. Follow procedures listed in any safety guides provided with the products.

Section 16 - Other Information

SDS Revision Date: November 1, 2014

Reason for Update: Mandated Update

Preparation By: Laurie Siraguso

COMPANY USE

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