

FLEXOVIT USA INC.

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

1.1 Product Name Pressure Sensitive Adhesive Sanding Discs
1.2 Product Use Sanding and Finishing
1.3 Company Details: **Flexovit Abrasives Inc.**
Address: 1305 Eden-Evans Center Rd.
Angola, NY 14006
Phone: 1-716-549-5100
Fax: 1-800-690-0144

SECTION 2 - Hazard Information

2.1 Precautionary statements

Coated abrasives are inert products which do not create any risk when handled or stored.
When used on grinding machines they require specific measures to protect the operators.
During the grinding operation 90% or more of the particulates of the dust come from the material being ground and, for wet grinding, from aerosols generated by the grinding fluid.
Specific attention must therefore be given to the nature of the part and of the fluid and the appropriate protection devices must be installed.

2.2 Description of Hazards

N/A

SECTION 3 - Composition

| <u>Ingredient</u> | <u>Formula</u> | <u>% Weight</u> | <u>OSHA Regulated</u> | <u>Cas #</u> |
|----------------------------|----------------|-----------------|-----------------------|--------------|
| Synthetic Aluminium Oxide | | | | |
| Cured urea / melamin resin | | | | |
| Kaolin | | | | |
| Calcium sulfate | | | | |
| Paper | | | | |
| Stearate coating | | | | |

SECTION 4-First Aid

4.1 First Aid for exposure

Applicable when coated abrasives are in use on machines.
The following recommendations are basic rules during a grinding operation. They must be followed in conjunction with the information appearing in Safety Data Sheet of the material ground and of the grinding fluid when used.
Dust Inhalation: Remove from exposure, seek medical advise if symptoms persist.
Eye: Remove from exposure and flush with clean water, seek medical advise if symptoms persist.
Skin: No hazardous effect known.
Ingestion: No hazardous effect known.

4.2 Signs and Symptoms of Exposure

No hazardous effect known.

SECTION 5 - Fire Fighting Measures

- 5.1 Means Of Extinction: Water, powder, foam, sand, CO₂, etc can be used if compatible with operating conditions.
- 5.2 Unusual Fire or Explosion Hazards: N/A
Flammable Properties: N/A
- 5.3 Special Fire Fighting Procedures: N/A

SECTION 6 - Accidental Release Measures

N/A

SECTION 7- Storage, Handling and Use Procedures

- 7.1 Handling: Follow recommendations for machines and national regulations.
- 7.2 Storage: Store coated abrasives in moderate constant temperature and humidity conditions. For detailed recommendations refer to the FEPA Safety Leaflet for Coated Abrasives.

SECTION 8- Personal Protective Control Measures

8.1 Exposure limits

| Chemical | OSHA PEL | ACGIH TLV |
|---------------------------|----------|-----------|
| Synthetic Aluminium Oxide | N/A | N/A |

8.2 Personal protection requirements and referrals

| | |
|---------------------|--|
| Respiratory: | Use of dust mask |
| Ventilation: | N/A |
| Protective Gloves: | Use of barrier cream or protective gloves |
| Eye Protection: | Machine guarding and safety goggles or face shield |
| Hearing Protection: | Use of ear defenders or equivalent |
| Body Protection: | N/A |
| Hygienic Practices: | No specific requirements |

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 | Not defined | Appearance | Variable |
| Lower And Upper Explosion Limits | N/A | Odor | May give off non-specific odor in use |
| Flammable Limits | N/A | | |
| Flash Point | N/A | Degradation Temperature | N/A |

SECTION 10 - Stability and Reactivity Data

Coated abrasives are stable and non-reactive when handled or stored.

Conditions to avoid: N/A

Material to avoid: Strong acids, strong bases and strong oxidising agents may modify the mechanical characteristics of the products and create safety hazards when used on machines.

Hazardous decomposition products: If coated abrasives are used in accordance with instructions, no hazardous decomposition products are created.

SECTION 11 - Toxicological Data

11.1 Component information

| <u>Chemical</u> | <u>Short term effects</u> | <u>Long term effects</u> | <u>Carcinogen</u> |
|---------------------------|---------------------------|--------------------------|-------------------|
| Synthetic Aluminium Oxide | N/A | N/A | No |

Not applicable when handled or stored.

According to the experience gathered for many years, the abrasives, when properly used have no adverse effect on health, refer to the precautionary statement about dust and aerosols of grinding fluid in Section 2.

11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

Section 12-Ecological Information

N/A

Section 13-Disposal Considerations

After use, coated abrasives may be contaminated with hazardous materials (particles or cooling agents) and should be disposed of in accordance with national regulations.

Section 14-Transport Information

Coated abrasives are not dangerous products.

Section 15-Regulatory Information

No specific marking requirements under respective EC directives.

Section 16-Other Information

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COMPANY USE

The information and recommendations set forth herein are taken from sources and references believed to be accurate and complete as of the date hereof. However, FlexOvit USA Inc makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.