Flexovit USA Inc

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

1.1 Product Name — Coated Abrasives – Trimkut - All grade

1.2 Product Use — Abrasive materials used for sanding, grinding metals, wood, concrete, masonry and building

1.3 Company Details: **Flexovit USA 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

Proper ventilation

Wear gloves and eye and hearing protection

2.2 Description of Hazards

Inhalation: Coughing due to dust, may affect breathing

Skin: Abrasion

Ingestion: N/A

Eye: Eye irritation

Hearing: Elevated sound levels during use, particularly on heavy grinding applications

NOTE: Asthmatic condition is generally aggravated by exposure

SECTION 3 - Composition

Hazardous Components	CAS #	% (optional)
Plastic backing: copolymer nylon + ABS	N/A	45 – 70
Aluminum Oxide	1344-28-1	0 – 60
and/or Aluminum Zirconia	1314-23-4	0 – 60
and/or Alumina Ceramic	1344-28-1	0 – 60
and/or Silicone Carbide	409-21-2	0 – 60
Calcium Carbonate	1317-65-3	0 – 35
Cryolite (Na3AlF6)	15096-523	0 – 35
Potassium Fluoroborate (KBF4)	14075-53-7	0 – 10
Binder System (Cured Adhesive)	N/A	13 – 35

SECTION 4-First Aid

4.1 First Aid for exposure

Ingestion: If sanding dust is swallowed, seek medical attention.

Inhalation: If overexposed to sanding dust, remove victim to fresh air and get medical attention.

Eye Contact: Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation p

Obtain immediate medical attention for foreign body in the eye.

Skin Contact: Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

4.2 Signs and Symptoms of Exposure

Coughing due to dust, may affect breathing

Possible skin abrasion

Eye irritation

SECTION 5 - Fire Fighting Measures

5.1	Means Of Extinction:	Water, CO_2, foam, dry chemical or any Class A extinguishing agent
5.2	Unusual Fire or Explosion Hazards:	
	Flammable Properties:	This product is not combustible, however, consideration must be given to the flammable/explosive dusts or turnings when sanded, machined or ground potential fire/explosion hazards from the base material being processed.
5.3	Special Fire Fighting Procedures:	Respiratory protection

SECTION 6 - Accidental Release Measures

Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust.

Notify authorities as required by local, state and federal regulations

SECTION 7- Storage, Handling and Use Procedures

7.1	Handling:	Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking. Consider components of the base materials or coatings being sanded or ground. Refer to standards for additional work practice requirements where applicable.
7.2	Storage:	Store at a dry location

SECTION 8- Personal Protective Control Measures

8.1 Exposure limits

Chemical	OSHA PEL	ACGIH TLV
Vulcanized Fibre	N/A	N/A
Zirconia Alumina	5mg/m^3	5mg/m^3
Aluminium Oxide	15mg/m^3	10mg/m^3
Silicon Carbide	15mg/m^3	10mg/m^3
Ceramic Aluminium Oxide	ND	ND
Calcium Carbonate	15mg/m^3	NA
Cryolite	2.5mg/m3	2.5mg/m3
Cured Phenol Formaldehyde Resin	NA	NA
Potassium Fluoroboratye (KBF4)	2.5mg/m3	2.5mg/m3

8.2 Personal protection requirements and referrals

Ventilation: Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the occupational exposure limits

Respiratory Protection:

Use a NIOSH approved respirator if exposure limits are exceeded or where dust exposures are excessive. Consider the potential for exposure to components of the coatings or base material being ground in selecting proper etc. where appropriate. Selection of respiratory protection depends on the contaminant type, form and respiratory protection. Refer to OSHA's specific standards for lead, cadmium, etc. where appropriate. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA

Gloves: Cloth or leather gloves recommended

Eye Protection:

Safety goggles or face shield over safety glasses with side shields.

Other: Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.

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	Color of fibre/coated with abrasive	
Lower And Upper Explosion Limits				material	
Flammable Limits		N/A	Odor	Odorless	
Flash Point		N/A	Degradation Temperature		N/A

SECTION 10 - Stability and Reactivity Data

Stability: Stable

Conditions to avoid: N/A

Incompatibility: N/A

Hazardous Decomposition or Byproducts: Dust from sanding could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being sanded or coatings applied base material

Hazardous Polymerization: Will not occur

SECTION 11 - Toxicological Data

11.1 Component information

Chemical	Short term effects	Long term effects	Carcinogen
Vulcanized Fibre			N
Zirconia Alumina			N
Aluminium Oxide			N
Silicon Carbide			N
Ceramic Aluminium Oxide			N
Calcium Carbonate			N
Cryolite			N
Cured Phenol Formaldehyde Resin			N

11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

11.3 Health Hazards

Ingestion : None expected under normal use conditions. Swallowing large pieces may cause gastrointestinal tractobstruction of the

Inhalation: Dust may cause respiratory irritation.

Eye: Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

Skin: None expected under normal use conditions. Rubbing product across the skin may cause irritation or abrasions.

Sensitization This material is not known to cause sensitization

Chronic: Long term overexposure to respirable dust may cause lung damage (fibrosis) with coughing, shortness of breath and diminished breathing capacity. Chronic effects may be symptoms of aggravated by smoking. Excessive inhalation of respirable dust may cause a progressive, disabling and sometimes fatal lung disease. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Prolonged overexposure to fluorides may cause a bone condition, fluorosis. Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being sanded. Most of the dust generated during sanding is from the base material being sanded and the potential hazard from this exposure must be evaluated.

Carcinogenicity: None of the other components are listed as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

Medical Conditions Aggravated by Exposure:

Employees with pre-existing respiratory disease may be at risk from exposure.

Acute Toxicity Values:

This product and its components are not acutely toxic. The only acute toxicity data available for the components are listed below.

Cryolite: LD50 Oral rat >5g/kg

Section 12-Ecological Information

No ecological data is available for this product. No hazards to the environment are expected from this product.

However, consideration must be given to potential environment effects of the base material being processed.

Section 13-Disposal Considerations

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

Section 14-Transport Information

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

Section 15-Regulatory Information

Hazard Categories: Not Applicable

California Proposition 65: WARNING you create dust when you cut, sand, and drill or grind materials such a wood, paint, cement, masonry or metal. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm.

Canadian WHMIS Classification: Not a controlled product. This product meets the definition of a "manufactured article" under the WHMIS regulations.

This product has been classified under the CPR and this SDS discloses information elements required by the CPR

Section 16-Other Information

SDS Revision Date: October 1 2023

Reason for Update: Mandated

Preparation By: FlexOvit USA

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.