

Safety Data Sheet

Coated Abrasives

Flap Discs

Issue Date: 03/01/2019

1. Product and Company Identification

GHS Product Identifier: POWERBLEND, POWERBLEND TRM, POWERBLEND TRM QC, POWERBLEND NF, POWERBLEND EDG

Product Numbers: 503213, 215, 217, 219, 223, 225, 227, 229, 231, 233, 235, 237, 238, 240, 242, 244, 413, 415, 417, 419, 423, 425, 427, 429, 563, 565, 567, 569, 573, 575, 577, 579

Manufacturer/Supplier

Supplier: JET EQUIPMENT & TOOLS

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2. Hazards Identification

Classification

Not applicable.

Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008.

See also sections 8 and 16.

Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

Other hazards

Not known.

3. Composition/Information on Ingredients

The product contains the following ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance name	CAS No	EINECS No	%C	Classification (according to SEA)
Cloth	-	-	30-40	-
Aluminium oxide	1344-28-1	215-691-6	27-33	-
Resin			15-20	Acute tox.3, H301+H311+H331 Skin corr. 1B, H314 Eye dam. 1, H318 Muta.2, H341
Meg	107-21-1	203-473-3	1	Acute tox. 4, H302
Calsite (CaCO ₃)	1317-65-3	215-279-6	10-13	-
Cryolite	237-410-6	13775-53-6	1-8	Akute tox. 4, H332 STOT RE 1, H372 Chronic aquatic 2, H411

4. First Aid Measures

Inhalation: If exposed to dust from grinding: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if breathing is difficult or irritation persists.

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

Eye contact: Do not rub. Flush eyes thoroughly with plenty of water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.

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

Most important symptoms/effects, acute and delayed: Eye and skin contact with grinding dust may cause mechanical irritation. Inhalation of dust may cause dizziness, headache, and

other central nervous system effects. Prolonged inhalation of dust or fumes from this product may cause perforation of the nasal septum and lung damage. Exposure to dust generated from processing the base material or coatings may present additional health hazards. This product contains titanium dioxide, which are suspected of causing cancer based on animal studies. Risk of cancer depends on duration and level of exposure.

Indication of immediate medical attention and special treatment, if necessary:

Immediate medical attention is generally not required.

5. Fire Fighting Measures

Suitable (and unsuitable) extinguishing media: Use any media that is appropriate for the surrounding materials.

Specific hazards arising from the chemical: This product is not combustible; however, consideration must be given to the potential fire or explosion hazards from the base material being processed. Many materials create flammable or explosive dusts or turnings when machined or ground.

Special protective equipment and precautions for firefighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: N/A

Methods and materials for containment and cleaning up: N/A

7. Handling and Storage

Fire and Explosion protection: No special measures.

Storage: Store in a dry location, avoid significant temperature fluctuations.

8. Exposure Controls/Personal Protection

General Protection Measures:

Appropriate engineering controls: Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the TLVs.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use 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 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 1910.134 and good industrial hygiene practice.

Skin protection: Cloth or leather gloves recommended.

Eye protection: Safety goggles or safety glasses with side shields are recommended where splashing is possible.

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

9. Physical and Chemical Properties

Physical state:	Solid
Colour:	Red
Smell:	Not applicable
Change in condition:	Melting point > 1200 ° C
Flash and Boiling point:	Not applicable
Density:	Not applicable
PH value (°C):	Not applicable
Viscosity (°C):	Not applicable
Solubility in water:	insoluble

10. Chemical Stability and Reactivity Information

Reactivity: Not reactive.

Chemical stability: Stable

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: None known.

Incompatible materials: No dangerous reactions known.

Hazardous decomposition products: At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. Toxicological Information

Likely routes of exposure:

Inhalation: May cause respiratory tract irritation with coughing, mucous production and shortness of breath. High concentration is irritating to the respiratory tract and may cause dizziness, headache and anesthetic effects.

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

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

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

Chronic effects from short- and long-term exposure: Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Risk of cancer depends on the level and duration of exposure. Chronic effects may be aggravated by smoking. 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 ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated.

12. Ecological information

Products have no ecological effects when properly used and stored. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. No data available.

12. 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.

13. Transport Information

No specific regulations for transportation are required. Make sure to protect products from damage during transportation.

14. Regulatory Information

Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

Chemical safety assessment

Not relevant.

15. Additional Information

DISCLAIMER

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof: however, the Company makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.