

MATERIAL SAFETY DATA SHEET

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SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME : **CERAMIC FLAP DISC**

VENDOR : Sparky Abrasives 800 19th Ave SW, Willmar, MN 56201 (320) 231-3897,
Fax (800) 553-7224

DATE PREPARED: March 2011

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>SUBSTANCE DESCRIPTION</u>	<u>PERCENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS#</u>
Ceramic Abrasives	<80%	15mg/m ³	10mg/m ³ dust	N/A
Epoxy Bond **	<10%	N/A	N/A	N/A
Polyester Cloth Backing	<10%	N/A	N/A	N/A

** Substance is a compound and/or mixture

HMIS HEALTH -1 FLAMMABILITY -0 REACTIVITY-0 PERSONAL PROTECTION – See Section 6

SECTION 3. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

During grinding – Coughing, shortness of breath

EYE CONTACT ACUTE EXPOSURE EFFECTS

During grinding – Dusts may irritate eyes.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

During grinding – Some may experience skin irritation from dust.

INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects.

SECTION 4. FIRST AID MEASURES

The following recommendations are basic rules during a grinding operation, they must be followed in conjunction with the information appearing in the safety data sheets of the material ground and the grinding fluid when used.

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance, if needed.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

INGESTION

Call poison control center, hospital emergency room or physician immediately.

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SECTION 5. HANDLING AND STORAGE

HANDLING

Visually inspect all wheels before mounting, check machine speed against the established maximum safe operating speed marked on the wheel. Always use a safety guard covering a least one-half of the grinding wheels, and allow the wheel to run at operating speed for at least one minute before grinding.

STORAGE

Abrasive wheels must be protected while awaiting use. Wheels should not be exposed to extreme temperatures, humidity, water or solvents.

SECTION 6. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at the source.

RESPIRATORY PROTECTION

During the grinding operation with coated abrasives particles of dust come from the material being ground. The general values is max 6mg/m³.

EYE PROTECTION

Wear protective eyeglasses, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices.

EAR PROTECTION

Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.95 and other applicable regulations).

SKIN PROTECTION

Use suitable protective clothing

SECTION 7. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR

Solid, color variable. May give off a slight odor when grinding.

SECTION 8. STABILITY AND REACTIVITY

INCOMPATIBILITY

N/A

DECOMPOSITION

In use, dust and decomposing odors may be generated.

MATERIAL TO AVOID

Strong acids, strong bases and strong oxidizing agents may modify the mechanical characteristics of the products
And create safety hazards when in used on machines.

SECTION 9. TOXICOLOGICAL INFORMATION

According to the experience gathered for many years, coated abrasives, when properly used have no adverse effect on health, refer to the preliminary note about dust and aerosols of grinding fluids.

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SECTION 10. ECOLOGICAL INFORMATION

CHEMICAL FATE

Bonded abrasive wheels do not appreciably decay.

SECTION 11. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

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 12. TRANSPORT INFORMATION

HAZARD CLASS

This product is not hazardous as defined by the Department of Transportation.

SECTION 13. REGULATORY INFORMATION

SARA Title III Section 313: This product does not contain regulated levels of any toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

SECTION 14. OTHER INFORMATION

DISCLAIMER

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation, and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Rex-Cut makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. Use of this product is not within the control of Rex-Cut, it is the user's obligation to determine the conditions of safe use.

END OF MSDS