



Safety Data Sheet (SDS)

Revision Date: 10/1/18

1 Identification

Supplier: Kimball Midwest
 4800 Roberts Road
 Columbus, OH 43228

Contact: Kimball Midwest
 Phone: 800-233-1294
 Product Number: 87-2044
 Product Name: Grit Crimson-Fire Flap Disc
 Product Use: Abrasives for industrial and professional applications
 Emergency Phone: Chemtrec 800-424-9300

2 Hazards Identification

GHS Classification(s): Not Classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

GHS Signal Word: N/A

Pictogram(s): N/A

Hazard Statements: N/A

Precautionary Statements: N/A

Hazards not otherwise classified: N/A

3 Composition/Information on Ingredients

Ingredients:

CAS #	Percentage	Chemical Name
13775-53-6	1-20%	Cryolite
14075-53-7	1-10%	Potassium fluoroborate

4 First Aid Measures

Inhalation: Dust from this product may cause irritation to the respiratory tract. If breathing is difficult, remove the victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact: Wash with soap and water. Wash contaminated clothing before re-use.

Eye Contact: Dust from this product may cause eye irritation. Flush immediately with water. Obtain medical attention if irritation, pain, or redness persists.

Ingestion: Not likely, due to the form of the product; if necessary contact physician.

Most important symptoms and effects, both acute and delayed:
Not known.



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Indication of any immediate medical attention and special treatment needed: No data available.

5 Fire Fighting Measures

Extinguishing Media: water, foam, sand, powder or CO2 as appropriate for surrounding materials

Special Hazards Arising from the Substance or Mixture: Toxic fumes may occur. Use respiratory protective equipment.

Advice for Firefighters: Extinguishing materials should be selected according to the surrounding area.

Further Information:

See Section 7 for more information on safe handling.

See Section 8 for more information on personal protection equipment.

6 Accidental Release Measures

N/A

7 Handling and Storage

Store under normal warehouse conditions.

8 Exposure Controls/Person Protection

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance. (Observe also the regional official regulations)

Substance	CAS #	Limit 1	OSHA PEL
Cryolite	15096-53-3	ACGIH 2.5 mg/m ³	2.5 mg/m ³
Alpha-Alumina	13-44-28-4	CMRG 1 fiber/cm ³	15 mg/m ³ dust 5 mg/m ³ respirable
Potassium fluoroborate	14075-53-7	ACGIH 2.5 mg/m ³	2.5 mg/m ³

ACGIH: American Conference of governmental Industrial Hygienists

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor – Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

Note: Hazardous dust of the work piece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

Use respiratory protective equipment. Wear protective gloves. Wear protective goggles or face shield. Use hearing protection. Use protective clothing.

9 Physical and Chemical Properties

Appearance	Disc
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Odor	N/A
Odor Threshold	N/A
pH	N/A
Melting/Freezing Point	N/A
Initial Boiling Point and Boiling Range	N/A
Flash Point	No data available
Evaporation Rate	N/A
Flammability	N/A
Upper/Lower Flammability/Explosive Limits	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Relative Density	N/A
Solubility	Not soluble
Partition Coefficient: n-octanol/water	N/A
Auto-ignition Temperature	N/A
Decomposition Temperature	N/A
Viscosoty	N/A
VOC	N/A

10 Stability and Reactivity

Stability: No decomposition in normal use.

Conditions to Avoid: Coated abrasives are stable when handled or stored correctly.

Materials to Avoid: No dangerous reactions known.

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

11 Toxicological Information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also section 8.

12 Ecological Information

Component(s):

Toxicity: No effects known.

Toxicity to fish:
No data available.

Toxicity to daphnia and other aquatic invertebrates:
No data available.

Persistence and Degradability: No biodegradable potentials known.
Bioaccumulative potential: No potentials known.



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Mobility in Soil: No potentials known.
Results of PBT and vPvB assessment: Not relevant.
Other Adverse Effects: no effects known.

13 Disposal Considerations

Product: Follow local / regional/ national/ international regulations.

Contaminated Packaging: Follow local / regional/ national/ international regulations.

14 Transport

DOT (US) Non-regulated material
IMDG Non-regulated material
IATA Non-regulated material
IMO Non-regulated material
Special Shipping Information: None.

15 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.

16 Other Information

Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.