

Material Safety Data Sheet: PARTSMaster FLAP DISK

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PARTSMaster FLAP DISK
Recommended use Abrasive
Information on Manufacturer
 Trust-X by Partsmaster, Div of NCH Corp.
 P.O. Box 655326
 Dallas, TX 75265-5326

Product Code PM081145
Chemical Nature Inorganic solid blend
Emergency Telephone Number
 CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING

May be harmful if inhaled
 Product dust may be irritating to eyes, skin and respiratory system
 Noise can damage hearing
 Keep out of reach of children

Color Blue

Physical State Solid

Odor Odorless

Potential Health Effects

Principle Route of Exposure

Primary Routes of Entry

Acute Effects

Eyes

Skin

Inhalation

Ingestion

Chronic Toxicity

Target Organ Effects

Aggravated Medical Conditions

Interactions with Other Chemicals

Potential Environmental Effects

Inhalation

Inhalation

Dust may cause abrasive injury to the eye seen as stinging, tearing, redness, or scratching of the cornea .

Excessive contact may cause mechanical irritation seen as itching and redness .

Prolonged exposure to grinding dust may cause upper respiratory problems or aggravate existing conditions . The dust generated during the use of this product is classified by OSHA as inert dust or nuisance dust and has the same pulmonary effects of inert dust with symptoms that may include soreness of the nose and throat, coughing and sneezing .

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

No information available

Respiratory system

Respiratory disorders

Use of alcoholic beverages may enhance toxic effects.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Aluminum oxide	1344-28-1
Cloth or paper backing	-----
Cured phenolformaldehyde resin	9003-35-4
Fiberglass	65997-17-3
Calcium carbonate	471-34-1
Zirconium	7440-67-7
Bisphenol A - Epichlorohydrin polymer	25068-38-6

4. FIRST AID MEASURES

General Advice

Eye Contact

Skin Contact

Inhalation

Ingestion

Notes to Physician

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist . Do not rub your eyes .

Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

Have the person blow their nose to remove the substance from nasal passages and keep from inhaling further . Get medical attention if symptoms occur.

Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur.

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point

The product is not flammable

Method

Not applicable

Autoignition Temperature No information available.

Upper Not applicable

Lower Not applicable

Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Foam. Water spray.

Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes . Dust can form an explosive mixture in air.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA	Health 1	Flammability 0	Instability 0
HMIS	Health 1	Flammability 0	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	No special environmental precautions required.
Methods for Containment	Pick up and arrange disposal without creating dust.
Methods for Cleaning Up	Avoid dust formation. Pick up product and inspect for torn or damage areas . Do not use if product is torn or damage . Sweep up or vacuum up spillage and collect in suitable container for disposal.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation.				
Storage	Keep cool and protect from sunlight.				
Storage Temperature	Minimum	No information available	Maximum	No information available	
Storage Conditions	Indoor	X	Outdoor	Heated	Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Aluminum oxide	TWA: 1 mg/m ³	: 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	No data available
Cloth or paper backing	No data available	No data available	No data available
Cured phenolformaldehyde resin	No data available	No data available	No data available
Fiberglass	TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	No data available	No data available
Calcium carbonate	No data available	TWA: 15 mg/m ³ TWA: 5 mg/m ³	: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)
Zirconium	: 10 mg/m ³ STEL : 10 mg/m ³ STEL (as Zr) : 5 mg/m ³ TWA (as Zr) : 5 mg/m ³ TWA	TWA: 5 mg/m ³	: 50 mg/m ³ IDLH : 25 mg/m ³ IDLH (except Zirconium tetrachloride, as Zr) : 5 mg/m ³ TWA : 5 mg/m ³ TWA (except Zirconium tetrachloride, as Zr) 10 mg/m ³ STEL (except Zirconium tetrachloride, as Zr) 10 mg/m ³ STEL
Bisphenol A - Epichlorohydrin polymer	No data available	No data available	No data available

Engineering Measures	Provide appropriate exhaust ventilation at places where dust is formed.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Leather gloves
Respiratory Protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.
General Hygiene Considerations	Wash hands before breaks and immediately after handling the product. Hearing protection may be required for grinding operations . As needed hearing protection, OSHA 29CFR 1910.95 .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Viscosity	Not applicable
Color	Blue	Odor	Odorless
Appearance	Opaque	pH	Not applicable
Specific Gravity	No data available	Evaporation Rate	Not applicable
Percent Volatile (Volume)	No information available	VOC Content (%)	No information available
Vapor Pressure	Not applicable	Vapor Density	Not applicable
Solubility	Insoluble	Boiling Point/Range	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Strong acids and oxidizing agents
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors , Formaldehyde gas.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Product Information	No information available.
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Component Information**Acute Toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Aluminum oxide	5000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Cloth or paper backing	no data available	no data available	no data available	no data available	no data available
Cured phenolformaldehyde resin	5 g/kg (Rat)	2 g/kg (Rat)	no data available	no data available	no data available
Fiberglass	no data available	no data available	no data available	no data available	no data available
Calcium carbonate	6450 mg/kg (Rat)	no data available	no data available	no data available	no data available
Zirconium	no data available	no data available	no data available	no data available	no data available
Bisphenol A - Epichlorohydrin polymer	11400 mg/kg (Rat)	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Aluminum oxide	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Cloth or paper backing	no data available	no data available	no data available	no data available	no data available
Cured phenolformaldehyde resin	no data available	no data available	no data available	no data available	no data available
Fiberglass	no data available	no data available	no data available	no data available	no data available
Calcium carbonate	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Zirconium	no data available	no data available	no data available	no data available	skin, respiratory system (other than Zirconium tetrachloride) skin, respiratory system
Bisphenol A - Epichlorohydrin polymer	no data available	no data available	no data available	no data available	Bone marrow

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Cloth or paper backing	not applicable	not applicable	not applicable	not applicable	not applicable
Cured phenolformaldehyde resin	not applicable	not applicable	not applicable	not applicable	not applicable
Fiberglass	not applicable	not applicable	not applicable	not applicable	not applicable
Calcium carbonate	not applicable	not applicable	not applicable	not applicable	not applicable
Zirconium	not applicable	not applicable	not applicable	not applicable	not applicable
Bisphenol A - Epichlorohydrin polymer	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION**Product Information**

No information available.

Component Information

No information available.

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Cloth or paper backing	no data available	no data available	no data available	no data available	N/A
Cured phenolformaldehyde resin	no data available	no data available	no data available	no data available	N/A
Fiberglass	no data available	no data available	no data available	no data available	N/A
Calcium carbonate	no data available	no data available	no data available	no data available	N/A
Zirconium	no data available	no data available	no data available	no data available	N/A
Bisphenol A - Epichlorohydrin polymer	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS**Product Disposal**

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION**Inventories**

TSCA Complies
 DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Aluminum oxide	1344-28-1	10-30	1.0 % de minimis concentration (fibrous forms)

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Aluminum oxide	Not applicable	Not applicable
Cloth or paper backing	Not applicable	Not applicable
Cured phenolformaldehyde resin	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable
Calcium carbonate	Not applicable	Not applicable
Zirconium	Not applicable	Not applicable
Bisphenol A - Epichlorohydrin polymer	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By Ana Santiago
 Supercedes Date 08/30/2006
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 Reason for Revision No information available.
 Glossary No information available.
 List of References. No information available.

Trust-X by Partsmaster, Div of NCH Corp.

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