

PRODUCT NAME: ABRO Grinding Paste
PRODUCT NUMBER/SIZE: GP-201-R

Revision Date: 7/31/15

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Grinding Paste
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Label Pictogram(s):

None

Signal Word: None

Hazard Phrases: None

Precautionary Phrases: None
Response: None

Storage / Disposal: None

Other: Keep out of reach of children.

SECTION 3 Composition/Information on Ingredients

Chemical name of the substance: Abrasive grains and lubricants

1. Lubricating oil

- a) Rice fatty oil
- b) Palm Oil
- c) Polo oil
- d) Calcium Hydro Oxide (CAS-1305-62-0)

2. Silicon Carbide (CAS - 409-21-2)

*Exact percentages are considered trade secret and cannot be disclosed.

Synonyms: Grinding paste

EC No.: Case no

Hazardous impurities: None

SECTION 4 **First Aid Measures**

General Advice: Show the safety data sheet to the doctor in attendance.

Inhalation: Not Applicable

Skin Contact: Clean skin with cotton cloth and then wash the same with soap and water.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion: Drink water.

Protection of First-Aiders: No hazards which require special first aid measures.

SECTION 5 **Fire Fighting Measures**

Suitable extinguishing media: Water, carbon dioxide (CO₂), foam

Extinguishing media: Which must not be used for safety reasons: None

Specific hazards: None

SECTION 6 **Accidental Release Measures**

Personal Precautions: Use personal protective equipment

Environmental Precautions: No special environmental precautions required

Methods for Cleaning Up: Scoop up with mechanical or pneumatic means

SECTION 7 **Handling and Storage**

HANDLING

Technical Measures/Precautions:

No special protective measures required

Safe Handling Advice:

Handle in accordance with good industrial hygiene and safety practice

STORAGE

Technical Measures/Storage Conditions:

Keep closed in a dry and light cool place. Product does not degrade with time.

Packaging Material:

Iron tins in cartons.

SECTION 8
Exposure Controls/Personal Protection

Engineering Measures to Reduce Exposure:	Not Applicable
Control Parameters:	None
Personal Protection Equipment:	No special protective equipment required.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9
Physical and Chemical Properties

Form of Valve Grinding Paste	: Paste (semi solid)
Color	: Light black / blue gray black tone
Melting Point of Abrasive	: 2250 degree centigrade
Drop Point of Lubricants	: 75-80 degree centigrade
Flash Point	: Not applicable
Auto Ignition Temperature	: Not applicable
Explosion Limits	: Not applicable
Density	: Not applicable
Solubility	: Soluble in oil as per requirement
Viscosity	: Not applicable

SECTION 10
Stability and Reactivity

Stability:	Stable at Normal Conditions
Materials to Avoid:	None
Hazardous Decomposition Products:	None

SECTION 11
Toxicological Information

Acute Toxicity:	Health injuries are not known or expected under normal use.
Long Term Toxicity:	None
Further Information:	None

SECTION 12
Ecological Information

Mobility:	None at Normal Conditions
Persistence/Degradability:	None
Bioaccumulation:	Unlikely
Ecotoxicity:	Ecological injuries are known or expected under normal use.

SECTION 13
Disposal Considerations

Not classified as dangerous in the meaning of transport regulations.
Contaminated Packaging: No Special Cleaning Necessary, Recovery or Waste Disposal

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR/RID) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

This Product is Not a Hazardous Article and Need Not to Be Labeled According to EC-Directive 67/548

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable