

**Material Safety
Data Sheet
Polishing Disc**



Date Issued: 08/3/2007
Date-Revised: New MSDS
Product Code:: 91030
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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Foam Polishing Disc, 91030**

Synonyms: N/A

Product Use: Coated abrasive product

Manufacturer: HERMES ABRASIVES, LTD.
524 Viking Drive
Virginia Beach, VA 23452
Ph. No.: (757) 486-6623
Fax No.: (757) 431-2370
E-mail: www.hermesabrasives.com

24-Hour Emergency Telephone Numbers: CHEMTREC (U.S.): (800) 424-9300

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS

C.A.S. NO.

& BY WEIGHT

Not Applicable

Note: There are no known hazardous substances found in this product.

SECTION 3 - HAZARDS IDENTIFICATION

There are no known hazards associated with this polishing product itself.

There can be hazards associated with the use of this product. Always review completely all operational instructions provided by the manufacturer of any tools or machinery that this product may be used with. It is also recommended that before this product is used for grinding purposes, a risk assessment should be performed on the material being abraded.

Potential Health Effects

Inhalation: No measure necessary.

Eye Contact: No measure necessary.

Skin Contact: No measure necessary.

Ingestion: No known hazard.

SECTION 4 - FIRST AID MEASURES

Inhalation: Not applicable.

Eye Contact: Not applicable.

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Skin Contact: Not applicable.

Ingestion: Not applicable.

SECTION 5 – FIRE FIGHTING MEASURES

Foam will decompose under strong formation of smoke and release soot, CO and organic pyrolysis products. Use respiratory protection (compressed air breathing apparatus).

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

SECTION 6 – ACCIDENTAL REALEASE MEASURES

Not applicable.

SECTION 7 – HANDLING AND STORAGE

No special handling recommendations.

Product should be stored in a cool dry place. Recommended conditions: 64°F – 72°F, 45-65% relative humidity.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Not necessary.

Skin Protection: Not necessary.

Eye Protection: Not necessary.

Hearing Protection: Not necessary.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

General Physical Form:	Solid foam material
Size:	1" Thick x 3.1" Dia., 1" Thick x 5.1" Dia., 1" Thick x 6" Dia.
Color:	White, Yellow, Orange, Black
Odor:	None
pH:	Not Applicable
Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Flash Point:	Not Applicable
Flammability:	None
Self-ignition:	None
Danger of Explosion:	Not Applicable

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Oxidizing Properties: None
Vapor Pressure: None
Density: 2.2 - 2.6 lbs./ft³
Compression Resistance: 4.35 lbs./in²
Cell Count: 41-56/in.
Solubility in Water: Not soluble
Decomposition Temperature: Not determined

Attached to the top side is a PA non-woven material for hook and loop fastening purposes.

Polyurethane foam is sensitive towards solvents.

The raw materials employed in the production of the foam discs do not contain arsenic, cadmium, chromium, cobalt, lead, nickel, mercury, or zinc. The also do not contain nitrosamines, formaldehyde, asbestos, PCB, PCP nor monomers like styrene and vinyl chloride. The polyurethane foam is CFC-free and to present knowledge, has been proven to be physiologically and toxicologically harmless.

SECTION 10 - STABILITY AND REACTIVITY

Thermal Decomposition:

No decomposition if used as directed. Keep away from open ignition system.

Dangerous products of decomposition:

If ignited, foam will decompose under strong formation of smoke and release soot, CO and organic pyrolysis products. Use respiratory protection (compressed air breathing apparatus).

SECTION 11 - TOXICOLOGICAL INFORMATION

The hazard potential of the foam is not known.

SECTION 12 - ECOLOGICAL INFORMATION

No, or very slow biodegradability.

The environmental toxicity of foam is not known.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product:

Dispose in accordance with federal, state and local regulations.

Packaging:

Uncontaminated packaging may be taken for recycling.

It is highly recommended to consult all applicable local, state and national regulations regarding waste disposal in your area.



SECTION 14 - TRANSPORT INFORMATION

This product is not defined under USDOT, IMDG, GGVSee, or ICAO/IATA regulations as a hazardous material.

SECTION 15 - REGULATORY INFORMATION

No special labeling is required.

SECTION 16- OTHER INFORMATION

This data is based on our present knowledge and do not signify any warranty with regard to the properties of the products. Observance of existing laws and regulations is the sole responsibility of the consumer.

Other Information

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Number
HAPS	Hazardous Air Pollutants
HMIS	Hazardous Material Identification System
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life and Health
LEL	Lower Explosion Limit
NTP	National Toxicology Program
OEL	Occupational Exposure limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPE	Personal Protective Equipment
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TWA	Time Weighted Average (8-hours)
UEL	Upper Explosion Limit
VOC	Volatile Organic Compound
WEEL	Workplace Environmental Exposure Level

Department Issuing Material Safety Data Sheet

Hermes Abrasives, Ltd.
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Virginia Beach, VA 23452

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.