



## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Webrax - Multiclean**  
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](http://www.hermesabrasives.com)

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

## SECTION 2 - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>C.A.S. NO.</u>	<u>&amp; BY WEIGHT</u>
Carbon Black	1333-86-4	<2.0
Silicon Carbide	409-21-2	35.0 - 75.0
Filler	Mixture	1.0 - 10.0
Cured Adhesive	None	10.0 - 50.0
Non-woven Nylon Fiber Web	None	15.0 - 30.0
Lubricant	4485-12-5	0.0 - 2.0

**Note:** The user of this product should perform an assessment of the workpiece material(s) to fully understand the scope of hazards associated with the use of this product.

## SECTION 3 - HAZARDS IDENTIFICATION

### Emergency Overview:

**Odor, Color, Grade:** Solid abrasive product

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** Contains a chemical or chemicals which can cause cancer. This document covers only the Hermes' product. For complete assessment, when determining the degree of hazard, the material being abraded must also be considered.

### Potential Health Effects:

**Eye Contact:** Mechanical Eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain tearing, and blurred or hazy vision.

**Skin Contact:** Mechanical skin irritation. Signs/symptoms may include abrasion, redness, pain, and itching.



**Inhalation:** Dust from cutting, grinding, sanding, or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Prolonged or repeated exposure may cause:**

**Pneumoconiosis:** Signs/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

**Ingestion:** Physical blockage: Signs/symptoms include cramping, abdominal pain, and constipation.

**Carcinogenicity:** Contains a chemical or chemicals which can cause cancer.

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>Class Description</b>	<b>Regulation</b>
Carbon Black	1333-86-4	Group 2B	International Agency for Research on Cancer

## SECTION 4 - FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed:

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, seek medical attention.

**Skin Contact:** Wash affected area with soap and water. If signs/symptoms persist, seek medical attention.

**Inhalation:** Remove person to fresh air. If signs/symptoms persist, seek medical attention.

**If Swallowed:** Do not induce vomiting unless directed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Auto-ignition temperature:** *Not Applicable*  
**Flashpoint:** *Not Applicable*  
**Flammability Limits - LEL:** *Not Applicable*  
**Flammability Limits - UEL:** *Not Applicable*

Ordinary combustible material. Use fire extinguishers with Class A extinguishing agents (e.g., water, foam).

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker gear) and a self-contained breathing apparatus, (SCBA).

**Extinguishing Media:** water, foam, sand powder or CO<sub>2</sub> as appropriate for surrounding materials.

**Note:** See **STABILITY AND REACTIVITY (SECTION 10)** for hazardous combustion and thermal decomposition information.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Not applicable.



## SECTION 7 – HANDLING AND STORAGE

### Handling:

For industrial or professional use only. Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Sparks and particles flying from the product during sanding or grinding can cause injury and fire.

### Storage:

Store in a cool, dry place.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

### Engineering controls:

Use with appropriate local exhaust ventilation. Use general dilution ventilation and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment. Provide appropriate local exhaust ventilation for sanding, grinding or machining.

### Personal Protective Equipment:

#### Eye/Face Protection:

Avoid eye contact. To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations.

#### Skin Protection:

Avoid skin contact. Gloves are not required. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

#### Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. Avoid breathing of dust created by sanding, grinding or machining. Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure.

#### Prevention of Swallowing:

Wash hands after handling and before eating. Not an expected route of exposure.

#### Exposure Guidelines:

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
Carbon Black	ACGIH	TWA	3.5 mg/m <sup>3</sup>	Table A4
	CMRG	TWA	0.5 mg/m <sup>3</sup>	
	OSHA	TWA	3.5 mg/m <sup>3</sup>	
Silicon Carbide Mineral	ACGIH	TWA, as fibrous Forms, Including whiskers.	0.1 Fiber/cc	Table A2
	ACGIH	TWA, as non-fibrous,	3.0 mg/m <sup>3</sup>	Respirable
	ACGIH	TWA, as non-fibrous,	10 mg/m <sup>3</sup>	Inhalable Fraction

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<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
Silicon Carbide Mineral	OSHA	TWA	5.0 mg/m <sup>3</sup>	Respirable
	OSHA	TWA,	10 mg/m <sup>3</sup>	Vacated, as dust
	OSHA	TWA	15 mg/m <sup>3</sup>	As total dust
Stearates	ACGIH	TWA	10 mg/m <sup>3</sup>	Table A4

VAC Vacated PEL: Vacated Permissible Exposure Limit [PEL] are enforced as the OSHA PEL in some states. Check with your local regulatory agency.

**Source of Exposure Data:**

- ACGIH: American Conference of Governmental industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Guideline
- OSHA: Occupational Safety and Health Administration
- AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Odor, Color, Grade:</b>	Solid abrasive product
<b>General Physical Form:</b>	Solid
<b>Auto-ignition temperature:</b>	Not Applicable
<b>Flash Point:</b>	Not Applicable
<b>Flammability Limit – LEL</b>	Not Applicable
<b>Flammability Limit – UEL</b>	Not Applicable
<b>Boiling Point:</b>	Not Applicable
<b>Vapor Density:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable
<b>Specific Gravity:</b>	Not Applicable
<b>PH:</b>	Not Applicable
<b>Melting Point:</b>	Not Applicable
<b>Solubility in Water:</b>	Not Applicable

**SECTION 10 – STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Materials and Conditions to avoid:</b>	Not Applicable
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	No decomposition in normal use.

**Hazardous Decomposition or By-Products:**

<b>Substance</b>	<b>Condition</b>
Carbon monoxide	During combustion
Carbon dioxide	During combustion

**Hazardous decomposition:** Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.



## SECTION 11 - TOXICOLOGICAL INFORMATION

**Note:**

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicological Information:**

Not determined.

**Chemical Fate Information:**

Not determined.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

The substrate that was abraded must be considered as a factor in the disposal method for this product. Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility.

**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

**U.S. Federal Regulations:**

**TSCA (Toxic Substances Control Act)**

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

**Clean Water Act (CWA)**

None of the ingredients are listed.

**Clean Air Act**

None of the ingredients are listed.

**OSHA: Hazardous by definition of the Hazard Communication Standard (29 CFR 1910.1200)**

The following ingredients are hazardous by definition of Hazard Communication Standard:

CAS No: 1333-86-4



**SARA Section 302 (RQ)**

None of the ingredients are listed.

**SARA Hazard Category (Section 311/312)**

Not classified as hazardous in accordance with the regulations.

**SARA Section 313 Information**

None of the ingredients are listed.

**HAPS (Hazardous Air Pollutants)**

None of the ingredients are listed.

**IARC**

None of the ingredients are listed.

**NTP Report on Carcinogens**

The following ingredients are listed:

CAS No.:

**State Regulations:**

**New Jersey Worker and Community Right to Know Act**

The following ingredients are listed:

CAS No.: 1333-86-4

**California Proposition 65**

This product contains a substance known to the state of California to cause cancer.

CAS No.: 1333-86-4 Carbon Black, Carcinogen;

**Pennsylvania Hazardous Substance List**

The following ingredients are listed:

CAS No.: 1333-86-4

**Canada Federal Regulations**

**Workplace Hazardous Materials Information System (WHMIS) – Canada**

WHMIS Classification: Not a controlled product. This product meets the definition of a “manufactured article” under WHMIS regulations.

**SECTION 16- OTHER INFORMATION**

**HMIS Classification**

Flammability: 0  
Health: 1  
PPE: B  
Reactivity: 0

**NFPA Rating**

Fire Hazard: 0  
Health: 1  
Reactivity: 0

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.

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**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.  
524 Viking Drive  
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.