

Material Safety Data Sheet

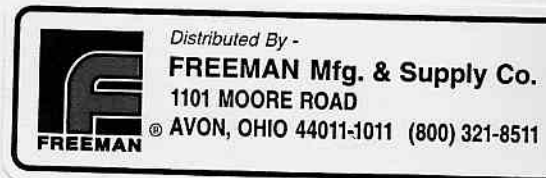
Section 1. Chemical Product And Company Information

Product Name: Abrasive Products

Trade Name & Synonyms: A03110, C03110, D03110, E03110, E0311
(Garnet Paper A, C, D, E OP or CI T-2)

MSDS Number: 009

Manufacturer: Carborundum Abrasives North America
28 Albert Street
Plattsville, Ont.
Canada N0J-1S0
Ph: (519) 684-7441 Fx: (519) 684-6866



Section 2. Composition/Information On Ingredients

Substance Description	Percent Concentration	CAS #	AGCH/TLV	LDS0/LCS0
Garnet	10 - 30	12178-41-5	10 mg/M3	N/A
Cured Ureaformaldehyde Resin	10 - 30	9011-05-6	1 ppm	N/A

Other Comments: The binding agent for this product is a polymerized ureaformaldehyde resin. Depending on the product, and other factors, formaldehyde as a gas (CAS# 50-00-0) could potentially be given off in trace amounts. The level or occurrence of these vapours is neither definite nor well defined.

Section 3. Hazardous Identification

Inhalation Acute Exposure Effects: dust may be slightly irritating to eyes and respiratory tract at high concentrations.

Eye Contact Acute Exposure Effects: dust may irritate eyes.

Skin Contact Acute Exposure Effects: Some may experience skin irritation from dust.

Ingestion Acute Exposure Effects: No known adverse effects, but ingestion not recommended.

Section 4. First Aid Measures

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Eye Contact: Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

Skin Contact: Wash affected areas with soap and water. Obtain medical assistance.

Ingestion: Call poison control center, hospital emergency room or physician immediately.

Section 5. Fire Fighting Measures

Fire Fighting Procedures: N/A

Hazardous Products/Combustion: None

Section 6. Accidental Release Measures

Clean-up: Follow normal clean up procedures.

Section 7. Handling And Storage

Handling:

Handle with **ADEQUATE VENTILATION** for nuisance dust.
Always **HANDLE AND STORE** abrasive products in a **CAREFUL** manner.
Always **VISUALLY INSPECT** abrasive belts before mounting.
Always **CHECK MACHINE SPEED** against the established maximum safe operating speed for the product being used.
Always **CHECK** to ensure all **SAFETY GUARDS** are in place on the grinding device to be used.
Always allow newly mounted belts, discs or fibral wheels etc. to **RUN AT OPERATING SPEED** for at least one minute before grinding.

Section 8. Exposure Controls/Personal Protection

Ventilation Protection: Handle with adequate ventilation. See OSHA 29 CFR 1910.94 (ventilation) and 29 CFR 1910.1000 (Air Contaminants).

Respiratory Protection: Respirators are required when airborne contaminant levels exceed the TLV(s).

Eye Protection: Always **WEAR SAFETY GLASSES** or some type of eye protection when grinding.

Other Protection: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.14 and other applicable regulations).

Section 9. Physical And Chemical Properties

Appearance & Odour: Solid article. Odorless.

Section 10. Stability And Reactivity

Incompatibilities: Avoid acids of all types with a pH < 4.0

Decomposition: NAIF.

Section 11. Toxicological Information

Carcinogenicity: N/A

Inhalation Chronic Exposure Effects: Chronic, may affect breathing capacity.

LD50/LC50: Values are not appropriate or available.

Section 12. Ecological Information

Chemical Fate: NAIF

Section 13. Disposal Considerations

Waste Disposal: Use standard landfill methods consistent with applicable federal, State, Provincial and local laws. Products with listed fluorides may have slightly soluble fluoride swarf.

Section 14. Transport Information

Hazard Class: This product is not hazardous as defined by the Department of Transportation. (USA). This product is "Not Regulated" under the Transportation of Dangerous Good Act. (CAN)

Section 15. Regulatory Information

Exposure Limits/Regulatory Information

CA Prop 65: N/A

TSCA: Section 8 (b) - Inventory Status: All components of this product are registered under the regulations of the Toxic Substance Control Act.

Domestic Substance List: All components of this product are found on the Domestic Substance List.

WHMIS Classification: D2B

Section 16. Other Information

Additional Information/Comments: The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions of safe use of this product.

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Phone Number: (519) 684-7441

Date: June 22, 1998

Key: NAIF = No applicable information found

N/A = Not applicable