

# MATERIAL SAFETY DATA SHEET

## SECTION 1: Name & Product

Manufacturer's Name: Mizzy Inc.  
Address: 616 Hollywood Avenue  
Cherry Hill, NJ 08002

Telephone no. (609) 663-4700

Date Prepared: 6/15/87

Trade Name: Heatless Wheels

## SECTION 2: Composition Per 29CFR 1910.1200

### Ingredients Listed May Be Contained in the Product

Chemical Name	Common Name	CAS#	OSHA-PEL	ACGIH-TLV	Carcinogen(Y/N)
Aluminum Oxide	N/A	1344-28-1	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N
Silicon Carbide	N/A	409-21-2	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N
Hydrated cement bond (proprietary)			15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N

## SECTION 3: Physical & Chemical Data

Boiling Point: NAIF      Melting Point: NAIF      Specific Gravity: 4.0  
Vapor Pressure: NAIF      % Volatile by Vol.: 0.1      Vapor Density: NAIF  
Evaporation Rate: NAIF      Solubility in Water: Slight  
Solubility in Alcohol: NAIF      Solubility in Other Solvent: NAIF  
Appearance & Odor: Solid; white to grey in color

## SECTION 4: Special Precautions

Precautions to be Used in Handling & Storage: None.

Other Precautions: NAIF

## SECTION 5: Corrosivity & Reactivity Data

Stability: Stable.

Polymerization: Will not occur.

Incompatibility (materials to avoid): NAIF.

Decomposition Products: In use, dust and decomposing organic fumes are generated. In most cases, the material removed from the workpiece will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.

Conditions to be Avoided: NAIF.

NAIF = No Applicable Information Found      N/A = Not Applicable

## SECTION 6: Health, First Aid & Medical Data

Primary Route(s) Of Entry	Acute & Chronic Health Effects & Effects of Overexposure	First Aid & Medical Information
Inhalation (during grinding)	Acute: Coughing, shortness of breath. Chronic: May affect breathing capacity.	Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.
Ingestion (during grinding)	No known adverse effects but ingestion not recommended.	Obtain medical assis- tance.
Skin (during grinding)	Some may experience skin irri- tation from dust.	Wash affected areas with soap & water. Obtain medical assis- tance.
Eye (during grinding)	Dusts may irritate eyes.	Wash with large a- mounts of water. Ob- tain first aid & med- ical assistance if needed.
Other Potential Health Risks (during grinding)	Grinding may create elevated sound levels which may affect hearing.	Obtain medical assis- tance.

## SECTION 7: Storage, Handling & Use Procedures

Normal Storage & Handling: See ANSI Standard B7.1.

Normal Use: Handle with adequate ventilation. See OSHA 29CFR1910.94  
(Ventilation) & 29CFR1910.1000 (Air Contaminates).

Steps to be Taken in Case of Leaks or Spills: Normal cleanup procedures.

Waste Disposal Method: Standard landfill methods consistent with applicable  
state & local laws.

## SECTION 8: Personal Protection Information

Respiratory Protection (specify type) as needed. For approved dust res-  
pirators see OSHA 29CFR1910.134.

Ventilation: Local Recommended.  
Mechanical (general) Recommended.  
Other NAIF

Protective Gloves: As desired by user.

Eye Protection: Recommended. See OSHA 29CFR1910.133.

Other Equipment: As needed hearing protection. See OSHA 29CFR1910.215  
(hearing protection).

Measures to be Taken During Repair & Maintenance of Contaminated Equipment  
that has been in Contact with This Material: See sections 7 and 8.

## SECTION 9: Fire & Explosion Hazard Data

Flash Point: NAIF Method Used: N/A. Flammable Limits: N/A

Extinguishing Media: Use water.

Special Fire Fighting Procedures: None.

Explosion Potential: NAIF.

The information and recommendations set forth herein are taken from sources  
believed to be accurate as of the date hereof; however, Mizzy Abrasive Wheel  
Co. makes no warranty with respect to the accuracy of the information or the  
suitability of the recommendations, and assumes no liability to any user thereof.