



*New Serv.* **A.M.H.**  
*Milw.* **NOV 21 1990**

MATERIAL SAFETY DATA SHEET

Section I - Identification

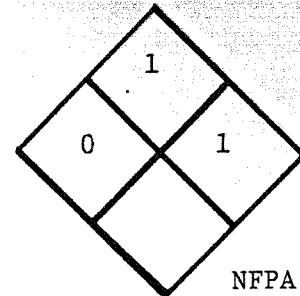
Manufacturer AGS Company (American Grease Stick Co.)

2651 Hoyt St. Phone: 800-253-0403

Muskegon Hts., MI 49444

Trade Name MR. ZIP Graphite (Cat. Nos. MZ-2, MZ-21, MZ-25)

Common Name Graphite Chemical Family Carbon



NFPA

Section II - Hazardous Ingredients

<u>Hazardous Ingredient</u>	<u>CAS No.</u>	<u>Wgt. %</u>	<u>TLV</u>
1. Graphite, Natural	7782-42-5	100%	15 ppm
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			
12. _____			

Section III - Physical Data

Ph as Supplied Not Applicable Boiling Point Not Applicable

Ph - Diluted Not Applicable % Volatiles Not Applicable

Water Solubility Insoluble Vapor Press Not Applicable

Specific Grav. (H<sub>2</sub>O=1) 2.1 Vapor Density Not Applicable

Melt Point Not Known Evap. Rate Not Applicable

Appearance Grayish black powder, no odor.

Original Issue Date 11/14/85  
Revision No. 1 Date 06/01/88

Product MR. ZIP Graphite  
(Cat. Nos. MZ-2, MZ-21, MZ-25)

NOV 21 1990

Section IV - Fire & Explosion Data

Flash Pt. Not Applicable Method \_\_\_\_\_

Auto Ignition Temp. Not Applicable

Flammable Limits LEL Not Determined UEL Not Determined

Extinguishing Media Not Applicable

Special Procedures Not Applicable

Unusual Hazards None Known

Section V - Reactivity Data

Unstable Conditions and Auto Reactive None Known

Incompatible Materials Very strong oxidizers, such as fluorine, chlorine,  
trifluoride, potassium peroxide.

Hazardous Decomposition Products Oxides of carbon.

Section VI - Emergency First Aid

Eyes Flush with water for at least 15 minutes. Get medical attention.

Skin Wash with soap and water.

Ingestion Not known. Consult a physician.

Inhalation Remove to fresh air. Persons with chronic exposures should have  
regular medical examinations.

Original Issue Date 11/14/85  
Revision No. 1 Date 06/01/88

NOV 21 1990

Product - MR. ZIP Graphite  
(MZ-2, MZ-21, MZ-25)

Section VII - Health Effects

Eyes May cause irritation.

Skin None known.

Inhalation Exposure may cause lung deterioration and cardiovascular changes.

Ingestion None known.

Other Effects Inhalation symptoms include headache, coughing, depression,  
decreased appetite, dyspnea, and the production of black sputum.

Section VIII - Ventilation and Protective Measures

Ventilation Requirements Local exhaust acceptable to maintain concentration  
below TLV.

Protective Equipment

Respiratory Workers in exposed areas should be provided with dust mask with  
proper cartridges and should be instructed in their maintenance.

Eyes Safety glasses with side shields.

Gloves None required.

Other Eye wash in work area.

Original Issue Date 11/14/85  
Revision No. 1 Date 06/01/88

NOV 21 1990

Product - MR. ZIP Graphite  
(MZ-2, MZ-21, MZ-25)

Section IX - Storage and Handling Procedures

Conditions to Avoid Avoid generating dust in air.

Other Precautions None known.

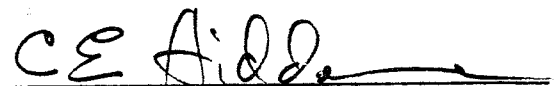
Section X - Spill Procedures and Waste Disposal

Accidental Release or Spill Procedures Vacuum up and place in container for disposal.

Waste Disposal Method Not known.

Special Restrictions on Waste Disposal Removal by an approved, licensed waste hauler.

Approved By



Charles Hiddema, Vice President/  
Technical Operations

Original Issue Date 11/14/85

Revision No. 1 Date 06/01/88

The Information Herein Is Given In Good Faith, But No Warranty,  
Expressed Or Implied, Is Made.