



MSDS NO: SD-0014

MATERIAL SAFETY DATA SHEET – MONKEY DUST

1. PRODUCT AND COMPANY INFORMATION

Chemical Name: Acetylene Purifying Material
Product Name: MONKEY DUST
Product No: 3-40-0003D
Issue Date: 7/01/2013
Distributed by: Rexarc International Inc.
35 East Third Street, PO Box 7
West Alexandria, OH 45381
937-839-4604

2. HAZARDS IDENTIFICATION

Emergency Overview:

Color and appearance: Yellowish green to gold; if left exposed to air, reddish brown

Solubility in water: Approximately 70%

WARNING! Harmful if swallowed. May cause irritation to eyes, skin and tissue.

3. COMPOSITION INFORMATION

Hazardous Mixtures	Percent
Diatomaceous Earth – Contains approx. 35% crystalline silica (Cristobalite)	35.8
Ferrous Chloride, 35% solution in water (Contains small amounts of ferric chloride, copper, acid)	62.7
Copper Sulphate	1.1
Manganese Dioxide	0.3
Mercury Bichloride	0.023

- Percent by weight of total purifying material, due to rounding, may not total 100%

4. FIRST-AID MEASURES

Emergency and First Aid Procedures:

For eyes and skin – wash with water 15 to 20 minutes. If irritation develops – see physician. If taken internally, call physician immediately.



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5. FIRE FIGHTING MEASURES

Flash Point: Non-flammable

Unusual Fire and Explosion Hazards: Decomposition may produce mercury vapors. Will sublime

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken In Case Material Is Released or Spilled: Gather in plastic bag and place in steel drum. Do not reuse gathering device (broom).

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Do not store in metal containers.

Before Using: Keep sealed in fiber drum. Do not allow material to become dusty.

Other Precautions: See "Training, Operating, and Maintenance Manual Acetylene Plant" published by Rexarc International Inc. for other precautions to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Gloves: Rubber

Eye Protection: Safety glasses

Other Protective Equipment: Sufficient body clothing to avoid contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Color and Appearance: Yellowish green to gold; if left exposed to air, reddish brown

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Heat, avoid drying of material

Incompatibility (Materials to Avoid): Avoid contact with metal surfaces

Hazardous Decomposition Products: Mercury

Hazardous Polymerization: Will not occur



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11. TOXICOLOGICAL INFORMATION

Threshold Limit Value: LD 50 acute oral (tested on albino rats) 7.4 grams/kilogram of body weight. Calculated by Litchfield-Wilcox Stat > Method

Effects of Overexposure: For contact – irritates skin and tissue, harmful if swallowed

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Check with local “Environmental Protection Agency” for approved site and method

14. TRANSPORTATION INFORMATION

Monkey Dust: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

As of the date of the preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation with respect to such information is intended or given.