

SAFETY DATA SHEET

1. Chemical Product and Company Identification

Product Name: HM-SPOT®
Part Number: HM-SPOT-05T
Chemical Name/Symbol: N/A
Manufacturer: Gallant Technologies, Inc.
Address: 10000 New Hampshire Ave.
 Building 2, Floor 2
 Silver Spring, MD 20745
Telephone: (240) 300-3668
Emergency Telephone: (240) 300-3668

2. Hazards Identification



Signal Word: Danger

Hazard Statements: H372: Causes damage to lungs through prolonged or repeated exposure by inhalation. H303: May be harmful if swallowed. H333: May be harmful if inhaled.

Precautionary Statements: P260: Do not breathe dust. P285: In case of inadequate ventilation, wear respiratory protection. P501: Dispose of contents in accordance with local regulations.

Hazards not otherwise Classified:

This product may contain crystalline silica (CS), which is considered a hazard by inhalation. IARC has classified inhalation of CS as a carcinogen for humans (Group 1). CS is listed by NTP as a known human carcinogen. Inhalation of CS is also a known cause of silicosis, a non-cancerous lung disease.

3. Composition / Information on Ingredients

Ingredient Name:	CAS#:	%Range	PEL and TEV
Hexamethylene triperoxide diamine (HMTD)	283-66-9	0-50%	Not Established
Proprietary Ingredient A	Proprietary	60-95%	Not Established
Proprietary Ingredient B	Proprietary	0-15%	0.025mg/M ₃ respirable, ACGIH
Proprietary Ingredient C	Proprietary	0-1%	0.025mg/M ₃ respirable, ACGIH

4. First Aid Measures

Inhalation: If excessive dust is inhaled, remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.

Eyes: Check for and remove and contact lenses. Flush eyes with large quantities of water. If irritation persists, consult physician.

Skin Contact: Wash skin with soap and water.

Ingestion: If swallowed, immediately rinse mouth with plenty of water. Drink water and seek medical advice immediately. Do not induce vomiting unless directed to do so by medical personnel.

5. Fire Fighting Measures

Explosion Hazard: None

Suitable Extinguishing Media: Does not burn. Use extinguishing media appropriate for surrounding fire.

Unusual Fire or Explosion Hazards: None

Special Fire-Fighting Procedure: None

6. Accidental Release Materials

Procedure for Spill: Sweep away dust or vacuum clean dust with equipment fitted with a HEPA Filter. Wipe area with a moistened cloth. Dispose of properly.

7. Handling and Storage

Store at room temperature. Avoid direct inhalation. Avoid breathing dust. Avoid contact with skin and eyes. Keep container in a dry and well-ventilated place.

8. Exposure Controls / Personal Protection

Engineering Controls/Ventilation: Use sufficient natural or mechanical ventilation to keep dust level below PEL.

Respiratory Protection: Not required under normal use circumstances.

Eye Protection: None required; safety glasses with side shields can be worn.

Other protective equipment: None.

Work Hygienic Practices: Avoid generating dusts. Wash exposed skin prior to eating, drinking, or smoking.

9. Physical and Chemical Properties

Appearance and Odor: Light tan powder. Odorless.

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Vapor Density: No data available

Water Solubility: Insoluble

Auto-ignition temperature: No data available

Viscosity: No data available

Oxidizing Properties: No data available

Flash Point: No data available

Evaporation Rate: No data available

Flammability: No data available

Upper/lower flammability limits: No data available

Vapor Pressure: No data available

Relative Density: No data available

Partition coefficients: No data available

Decomposition temperature: No data available

Explosive Properties: Not explosive

10. Stability and Reactivity

Material is stable. Hazardous polymerization cannot occur.

Chemical Incompatibilities: Hydrofluoric Acid.

Conditions to Avoid: None in designed use.

11. Toxicology Information

Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. No information on Acute or Chronic ingestion toxicity.

12. Ecological Information

No Information available.

13. Disposal Considerations

Waste is not hazardous as defined by RCRA (40 CFR 261). Federal, State, and Local laws governing disposal of material can differ. Ensure disposal compliance with proper authorities before disposal.

14. Transportation Information

D.O.T. Proper Shipping Name: This product is not classified as a hazardous material for transport when shipped in inner packages containing no more than 5 g of the product.

Hazard Classification: N/A

Reportable Quantities: N/A

UN (United Nations), NA (North America) Number: N/A

15. Regulatory Information

U.S. Federal Regulations: OSHA Hazard Communication Standard, 29 CFR 1910.1200: Material is considered hazardous. See Section 3.

RCRA: This material is not defined as hazardous waste per 40 CFR 261.

TSCA: This material is not listed in the TSCA inventory

CERCLA: Material is not reportable under CERCLA. Local requirements may vary.

SARA: 302 None of the chemicals are extremely hazardous

311/312 Hazard Categories – immediate and delayed health.

313 Reportable ingredients – None.

State Regulations: California Proposition 65: Not applicable.

Canada WHMIS: Not controlled. Not listed in the Canada DSL.

16. Other Information

Special Handling/Storage: Store in a dry, well-ventilated place.

Special Workplace Engineering Controls: Use in adequate ventilation to keep dust level below PEL.