



SAFETY DATA SHEET - T-8 Powder

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Revision: 11/4/2024

1. Identification

Product Name:	T-8 Powder
Recommended Use:	Abrasive Product
Restrictions on Use:	None Identified
Manufacturer/Supplier:	RockRidge Abrasives 9000 Byron Commerce Dr. SW Byron Center, MI 49315
Telephone/Fax Number:	Phone: 716-759-6600 Fax: 716-759-6602
E-Mail:	sales@rockridgeabrasives.com
Date of Revision:	11/4/2024

2. Hazard(s) Identification

Classification: Not classified as hazardous

Label Elements:

Not hazardous in accordance with the Globally Harmonized System for the Classification and Labeling of Chemicals (GHS).

Supplemental Labeling:

Permanent breathing of alveolar fine dust of quartz may cause silicosis. The exposition of dust should be monitored. The product does not have to be labeled due to the calculation procedure of international guidelines.

3. Composition / Information on Ingredients

Description:

Mixture of other non-hazardous additions of proprietary nature.

Quartz: CAS # 14808-60-7

Polyethylene glycol: CAS # 25322-68-3

4. First-Aid Measures

Eyes: Flush with water immediately for several minutes. If irritation persists, seek medical attention.

Skin: Immediately wash with water and soap and rinse thoroughly.

Ingestion: Rinse out mouth with water for several minutes, seek medical attention if needed.

Inhalation: Remove the person immediately to fresh air, give artificial respiration, seek medical attention.



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5. Fire-Fighting Measures

Flammability: Material is non-flammable

Extinguishing Media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Flash Point: None

Special Fire Fighting Procedures: N/A

Flammable Limits: None

Unusual Fire & Explosion Hazards: None

6. Accidental Release Measures

Spills: Avoid formation of dust. Do not sweep. Use dustless methods (vacuum) and place in close container for disposal, or flush with water.

7. Handling and Storage

Precautions for safe handling: Prevent formation of dust. Provide suction type extractors if dust is formed. No precautionary measures required is used correctly.

Conditions for safe storage, including any incompatibilities: No special requirements required. Store in cool, dry conditions in well sealed environment. Store at 41-86F, shelf life at least 2yrs.

8. Exposure Controls / Personal Protection

Components with limit values that require monitoring:

Quartz: PEL- See Quartz Listing

Rel- 0.05* mg/m³ *respirable dust

TLV- 0.025 R mg/m³

Polyethylene glycol: WEEL- 10mg/m³

Personal protective gear: Limit contact with skin and avoid contact with eyes. Recommend rubber gloves and eye protection. Not required but recommend respiratory devices if longer exposures are indicative.

Hygienic measures: Wash hands before and after work and/or breaks. Avoid contact with eyes and skin. Do not drink, eat, or inhale while working.



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9. Physical and Chemical Properties

Appearance: White Powder

Odor: N/A

Odor Threshold: Not Available	pH: Neutral
Melting Point / Boiling Point: +4,000°F	Freezing Point: Not Available
Flash Point: Not Flammable	Evaporation: Not Applicable
Flammability (solid, gas): Not Flammable	
Flammable Limits: LEL: Not Applicable	UEL: Not Applicable
Vapor Pressure: Not Available	Vapor Density: Not Applicable
Density at 68F: Not Available	Solubility in Water: Insoluble
Partition Coefficient: n-octanol/water: Not Applicable	Auto-Ignition Temperature: Not Applicable
Decomposition Temperature: Not Available	Viscosity: Not Applicable

10. Stability and Reactivity

Stability: Stable

Polymerization: None

Incompatibility: No dangerous reactions in intended use.

Hazardous decomposition: None in intended use and storage.

11. Toxicological Information

Acute toxicity: No known irritating effects known when used in accordance with processing intention.

Additional toxicological info: The product is not subject to classification according to internally approved calculation methods set forth. When used in accordance to processing specifications, the product does not have any harmful effects according to our experience and information provided to us

12. Ecological Information

This product is not known to be a hazard to the environment.

13. Disposal Considerations

Product is non-biodegradable and should be disposed of in accordance with local regulations.

14. Transport Information

Product is not hazardous for transportation according to the above specifications.



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15. Regulatory Information

Section 355 (extremely hazardous substances): None present

Section 313 (specific toxic chemical listings): ethane-1, 2-diol

TSCA No.: All ingredients are listed.

RCRA: Not classified as hazardous substance.

CERCLA: Not classified as hazardous substance.

EPA: Not classified as hazardous substance.

Clean Air Act: Product does not contain any class I or II ozone depleting substances.

IARC: Quartz (SiO₂)

NTP: Quartz (SiO₂)

TLV: Quartz (SiO₂), ethane-1, 2-diol

NIOSH: Quartz (SiO₂)

OSHA: Not classified as a hazardous substance.

Other product related hazard information. Do not breathe the dust. Observe the general guidelines of material handling and safety recommendations.

16. Other Information

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