

# Material Safety Data Sheet

Date of Preparation: 10/90

RT-99

Revision: 10/10/13

## Section 1 - Chemical Product and Company Identification

Product/Chemical Name: RT-99

Chemical Formula:

CAS Number:

Other Designations:

General Use:

Manufacturer: MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, SOUTH HEMPSTEAD, NY

11550

516-489-6800

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
HYDROUS ALUMINUM SILICATE* *Respirable dust may contain silica, crystalline quartz.	8031-18-3	

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
HYDROUS ALUMINUM SILICATE	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>			

Toxicity Data:

## Section 3 - Physical and Chemical Properties

Physical State:

Appearance and Odor: Gray, tan or reddish tan, granular or powder. Earthy odor when wet.

Odor Threshold:

Vapor Pressure: None

Vapor Density (Air=1): None

Formula Weight:

Density:

Specific Gravity (H<sub>2</sub>O=1, at 4 °C): 2.4

pH:

Water Solubility: Insoluble

Other Solubilities:

Boiling Point: 100F

Freezing/Melting Point: None

Viscosity:

Refractive Index:

Surface Tension:

% Volatile by Volume in Can:

Evaporation Rate: None

## Section 4 - Fire-Fighting Measures

Flash Point:

Flash Point Method: None

Burning Rate:

Autoignition Temperature:

LEL: N/A

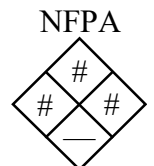
UEL: N/A

Flammability Classification:

Extinguishing Media: Not Required.

Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products:



**Fire-Fighting Instructions:** None

**Fire-Fighting Equipment:**

## Section 5 - Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Hazardous Polymerization will not occur.

**Chemical Incompatibilities:** Heat generation may occur when mixed with a polyunsaturated liquid.

**Conditions to Avoid:** None.

**Hazardous Decomposition Products:** None.

## Section 6 - Health Hazard Information

### Potential Health Effects

**Primary Entry Routes:** Through inhalation.

**Target Organs:**

**Acute Effects**

**Inhalation:** May be harmful if inhaled in sufficient quantities. Prolonged exposure may cause a relatively benign lung disease, though there is a risk of the development of massive fibrosis.

**Eye:**

**Skin:**

**Ingestion:**

**Carcinogenicity:** No. IARC Monographs: Yes.

**Medical Conditions Aggravated by Long-Term Exposure:** Pulmonary function may be reduced by inhalation of respirable crystalline silica that may be in dust. Lung scarring produced by such inhalation may lead to progressive massive fibrosis of the lung which may aggravate other pulmonary conditions. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure and pulmonary failure. Smoking aggravates the effects.

**Chronic Effects:** Repeated or prolonged exposure to respirable crystalline quartz which may be contained in this product, may cause delayed (chronic) lung injury (Silicosis).

### Emergency and First Aid Procedures

**Inhalation:** For gross inhalation, remove person to fresh air, give artificial respiration as needed. Seek medical attention as needed.

**Eye Contact:** Wash with water. If irritation persists, see physician.

**Skin Contact:**

**Ingestion:**

**Note to Physicians:**

**Special Precautions/Procedures:**

## Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Use dustless method (vacuum) and place in closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment.

**Small Spills:**

**Large Spills**

**Containment:**

**Cleanup:**

**Regulatory Requirements:**

**Disposal:** According to federal, state and local authorities only.

**Disposal Regulatory Requirements:**

**Container Cleaning and Disposal:**

**Ecological Information:**

**Precautions for Storing and Handling:** Avoid spills.

**Other Precautions:** None.

**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:****Administrative Controls:**

**Respiratory Protection:** Any dust respirator for up to 5 X PEL.

**Protective Clothing/Equipment:** Protective gloves/clothing optional. Wear protective eye shield when exposed to dust particles.

**Safety Stations:****Contaminated Equipment:**

**Comments:** Avoid creating or breathing dust.