

## Section 1 - Product Identity

Product: Ten-Four Glove Dust, Catalog Number 10-4

Chemical name: Magnesium Silicate Hydrate

CAS No.: 14807-96-6

Manufacturer:

Salisbury by Honeywell

101 E Crossroads Parkway

Bolingbrook, IL 60440

Phone: 630-343-3800 Fax: 630-343-3741

Emergency Contact: CHEMTEL: 1800-255-3924 Outside US:1-812-248-0585

www.salisburybyhoneywell.com

## Section 2 - Composition / Information on Ingredients

COMPONENT	CAS #	PERCENT (WEIGHT)
Magnesium Silicate Hydrate	14807-96-6	60-100
Chlorite-Group Minerals	1318-59-8	1-5
Quartz	14808-60-7	0.1-1.0

Talc (non-asbestiform) contains crystalline silica greater than 0.1%, but less than 1%. These levels are "typical" and may change slightly with different lots. IARC has determined silica to be a Class 1 carcinogen, and NTP has classified crystalline silica as a substance reasonably anticipated to be a carcinogen.

## Section 3 - Health Hazard Data

Emergency Overview: Dust may cause mechanical irritation to eyes and respiratory tract.

Inhalation: Acute Exposure Effects: Inhalation of dusts may cause sneezing, coughing, and nose irritation.

Inhalation: Chronic Exposure Effects: Long term excessive exposures may cause talcosis, a pulmonary fibrosis which may lead to severe and permanent damage to the lung, possibly resulting in disability or death.

Skin Contact: Acute Exposure Effects: The abrasiveness of talc may cause skin irritation.

Eye Contact: Acute Exposure Effects: Abrasion may cause eye irritation.

Ingestion: Acute Exposure Effects: May cause mild irritation of gastrointestinal tract.

Medical Conditions Aggravated by Exposure: Pre-existing chronic respiratory, skin, or eye diseases.

Symptoms: Inhalation - excessive sneezing or coughing, irritation of the nose and throat

Skin contact - dryness and/or mild irritation

Eye contact - mild irritation and/or inflammation

Ingestion - mild irritation

Primary Route of Exposure: Inhalation and eye contact

Target Organs: Respiratory tract, eyes, skin

Carcinogenicity: Magnesium Silicate Hydrate (Talc) is not listed with NTP, IARC, or OSHA as a known or suspected carcinogen.

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## Section 4 - First Aid Measures

**Inhalation:** Remove exposed person to fresh air. If symptoms such as excessive sneezing or coughing develop, seek medical attention.

**Skin Contact:** Wash from skin with mild soap and water.

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** Product is not considered toxic in small quantities.

**Note to Physician:** Treat symptomatically and give general supportive measures. Consideration should be given to the possibility that exposure to materials other than Ten-Four Glove Dust may have occurred.

## Section 5 - Fire Fighting Measures

Flash Point:	N/A	Lower Explosion Limit:	N/A
Auto Ignition Temperature:	N/A	Upper Explosion Limit:	N/A
General Fire Hazards:	This product will not burn.		
Extinguishing Method:	Follow fire fighting procedures for surrounding combustibles		
Fire and Explosion Hazards:	Material is non-combustible and is not an explosion hazard.		
Hazardous Combustion Products:	None known.		
NFPA Codes:	Health 1	Flammability 0	Reactivity 0

## Section 6 - Accidental Release Measures

**Clean-Up Procedures:** Clean up in a manner which does not disperse product into air. Personnel should use protective equipment to reduce eye contact, inhalation of dust and prolonged skin contact. Use vacuum suction with HEPA filters to clean up spilled material. Use wet sweeping or a dust suppressant where sweeping is necessary.

**Waste Management:** Not considered a hazardous waste. Place waste and spillage in closed containers. Dispose in approved landfill.

## Section 7 - Handling and Storage

**Storage:** Store to minimize or avoid dust generation.

Store in a cool, dry location

Replace all broken containers immediately

**Handling:** Avoid getting product into eyes.

Avoid creating dust

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## Section 8 - Personal Protection

Ventilation: Provide adequate exhaust ventilation to maintain exposure below exposure limits.

Respiratory Protection: When established airborne exposure limits are surpassed, wear approved respiratory equipment for dust.

Eye Protection: Dust tight goggles are recommended

Skin: Use impervious gloves.

### Component Exposure Limits:

Substance		TWA (mg/m <sup>3</sup> )	TLV (mg/m <sup>3</sup> )	REL (mg/m <sup>3</sup> )
Quartz	OSHA	0.1		
	ACGIH	0.025	0.10	
	NIOSH	0.05		0.05
Talc	OSHA	2.0		
	ACGIH	2.0	2.0	
	NIOSH	2.0		2.0

**Note:** TWA – Time Weighted Average

TLV - Threshold Limit Value

REL - Recommended Exposure Limit

## Section 9 - Physical and Chemical Properties

Appearance: White Powder.

Physical State: Solid

Vapor Pressure: N/A

Boiling Point: N/A

pH: N/A

Specific Gravity: 2.8

Solubility in Water: Insoluble.

Melting Point: Unknown

Odor: None

Vapor Density: N/A

## Section 10 - Stability and Reactivity

Incompatibilities: None identified.

Hazardous Decomposition: None.

Hazardous Polymerization: Will not occur.

Conditions to avoid: None

Stability: Stable under normal conditions.

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## Section 11 - Toxicological Information

### Acute and Chronic Toxicity

General Product Information: None available for this product

Component Analysis: LD50/LC50

Quartz (14808-6-7) – Oral LD50 Rat: 500 mg/kg

### Carcinogenicity

General Product Information: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

Component Carcinogenicity:

Talc (14807-96-6)

ACGIH: A4 – Not classified as a human carcinogen

IARC: Monograph 93 (Group 3 not classifiable)

Quartz (14808-60-7)

ACGIH: A2 – Suspected human Carcinogen

NIOSH: Potential Occupational Carcinogen

NTP: Known human Carcinogen

IARC: Monograph 68 (Group 1 Carcinogen to humans)

## Section 12 - Disposal Considerations

Waste Disposal: If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. State or local hazard waste regulations may apply if they are different from the Federal regulations.

## Section 13 - Transportation Information

DOT Class: Not regulated by US Department of Transportation

DOT Shipping Name: Talc.

DOT label: Not required.

Additional DOT Requirements

This material is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations