

MEECO Manufacturing Company, Inc.

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Powder Soot Remover
Product Code 16, 16-3, 17

MANUFACTURER:
MEECO MFG CO INC
9100 15th PI S, Ste E
Seattle, WA 98108

Contact Information:
Telephone: (206) 262-8340
Fax: (206) 262-8343
Print Date: 09/02/15

2. HAZARDS IDENTIFICATION

CLASSIFICATION: Carcinogenicity, Category 2 Skin irritation, Category 3
Eye irritation, Category 2 Target organ toxicity (repeated),
Category 1

LABELING:



Symbol: Health Hazard

Signal word: Warning

Hazard statement: Suspected of causing cancer.

Precautionary statement: Excessive inhalation of dust will increase the risk of silcosis. Some medical studies have concluded that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources. Avoid prolonged exposure to dust. Provide adequate ventilation and use suitable respirators if dust conditions warrant.

3. COMPOSITION/HAZARDOUS INGREDIENTS

Ingredient:	CAS #	Percent	Exposure Limits
Fixed Carbon	7440-04-40	15 - 30	OSHA PEL = 10mg/m ³ ACGIH TLV = 15mg/m ³
Soda Bicarbonate	144-55-8	15 - 30	OSHA PEL = 15mg/m ³ (Total Dust) ACGIH TLV = Not Developed
Copper Chloride	7758-99-8	5 - 20	OSHA PEL = 1mg/m ³ ACGIH TLV = 1mg/m ³
Bentonite Clay	1302-78-9	5 - 20	OSHA PEL = 5mg/m ³ ACGIH TLV = 10mg/m ³
Silicon Dioxide	14808-60-7	35 - 50	OSHA PEL = .05mg/m ³ ACGIH TLV = .05mg/m ³

4. FIRST AID MEASURES

Eyes Irrigate with flowing water immediately and continuously for 15 minutes, lifting the upper and lower eyelids occasionally. Consult physician.

Skin Wash thoroughly with soap and water.

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Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly with water. Consult physician or poison control immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Not Applicable.
Flash Point and Method	Not Applicable.
Flammable Limits	Not Applicable.
Autoignition Temperature	Not Applicable.
Extinguishing Media	As appropriate for the surrounding fire.
Fire Fighting Equipment	As appropriate for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures	Reuse any spilled material where possible. Carefully scoop material into a suitable container. If conditions warrant, clean-up personnel should wear approved respiratory protection, gloves, and goggles to prevent irritation from contact and/or inhalation. Spilled material poses no threat to the environment. See section 12.
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7. HANDLING AND STORAGE

Handling	Use impermeable gloves to prevent prolonged skin contact.
Storage	Store in a cool, dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation	Provide adequate general ventilation and local ventilation to control mist and/or dust levels below the TLV.
Personal Protective Equipment	
Eyes	Goggles.
Skin	Impermeable Gloves.
Inhalation	Dust mask.
Other	Long sleeve clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	Not applicable.
Vapor Pressure	None.
Vapor Density	None.
Solubility in Water	Negligible.
Specific Gravity (H ₂ O = 1)	2.6
Melting Point	>2400°F.
pH	7.3

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10. STABILITY AND REACTIVITY

Chemical Stability	Avoid high temperatures.
Incompatible Materials and Conditions to Avoid	Strong oxidizers.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition	Sulfur oxides and copper fumes.

11. TOXICOLOGICAL INFORMATION

There are no known health effects that can arise from the as-manufactured product. There is no evidence to suggest that the product itself is carcinogenic.

12. ECOLOGICAL INFORMATION

Product may be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Product as-manufactured is not considered a hazardous waste. Customers are advised to evaluate any changes to the product that may occur by the introduction of substances or operating conditions outside the control of the vendor.

14. TRANSPORT INFORMATION

Product is not a DOT Hazardous Material and contains no DOT Hazardous components.

15. REGULATORY INFORMATION

Section 2 lists OSHA exposure limits for chemicals considered by OSHA to be air contaminants.

16. OTHER INFORMATION

Although reasonable care has been taken in the preparation of the information contained herein, MEECO MFG CO INC extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

WARNING: This product may contain respirable crystalline silica; a chemical known to the State of

Health Hazard	2 - Moderate
Flammability Hazard	0 - Minimal
Reactivity Hazard	0 - Minimal
Personal Protection	B - Glasses, gloves