



# Safety Data Sheet

Issue Date: 02-Jan-2015

Revision Date: 13-Jan-2016

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Misco TMI22 Absorb-It-All

### Other means of identification

**SDS #** Misco TMI22

### Recommended use of the chemical and restrictions on use

**Recommended Use** Oil and Spill Encapsulate

**Uses Advised Against** For industrial or institutional use only.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Misco Industrial, LLC  
109 Space Park N  
Goodlettsville, TN 37072

#### **Emergency Telephone Number**

**Company Phone Number** 1-615-334-1861 (to reorder)  
**Emergency Telephone (24 hr)** CHEMTRAC 1-800-262-8200 (North America)  
1-703-741-5500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Tan crystals

**Physical State** Solid

**Odor** Musty

### **Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

Based on limited evidence, crystalline silica is classified by IARC in Group 2A, "probably carcinogenic to humans". Crystalline silica, including quartz, is present in many mineral products. In addition, respirable quartz in this product is well below the OSHA permissible exposure limit (PEL) and the ACGIH Threshold Limit Value (TLV), 0.1mg/m<sup>3</sup>, therefore this material is considered non-hazardous.

## 4. FIRST-AID MEASURES

### **First Aid Measures**

- |                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Flush with plenty of water for at least 15 minutes while keeping the eyelids wide open. If irritation persists, seek medical attention. |
| <b>Skin Contact</b> | Wash with soap and water. No other known needed for normal use.   |
| <b>Inhalation</b>   | Remove to fresh air. Apply CPR if needed.   |
| <b>Ingestion</b>    | If used material is ingested, get immediate medical attention.  |

**Most important symptoms and effects**

**Symptoms** May cause slight eye irritation. May cause mechanical skin and respiratory irritation. May cause cancer if respirable dust is inhaled over prolonged periods. This product contains crystalline silica. Inhalation of respirable crystalline silica may cause lung disease, silicosis with symptoms of shortness of breath and cough.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically. No immediate medical attention is required.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Unused product is not combustible.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Hazardous Combustion Products** None known.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** No special equipment is generally required for spill clean-up. For dusty conditions, an approved respiratory may be needed. Refer to Section 8 for additional information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Small spills: Vacuum or sweep up.

Large spills: Ventilate area; vacuum or sweep up.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after use. If clothing becomes dusty, launder before re-use.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in a cool, dry place and properly labeled. Keep away from turpentine, hydrofluoric acid, vegetable oil, and other unsaturated organic compounds (such as fish oil), as this may generate heat and/or fire.

**Incompatible Materials** Avoid excessive heat and contamination of any kind.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Fullers Earth (attapulgite-type clay)	TWA: 15 mg/m <sup>3</sup> (total dust) TWA: 5 mg/m <sup>3</sup> (respirable dust)	PEL: 15 mg/m <sup>3</sup> (total dust) PEL: 5 mg/m <sup>3</sup> (respirable dust)	
Proprietary Ingredient	TWA: 15 mg/m <sup>3</sup> (total dust) TWA: 5 mg/m <sup>3</sup> (respirable dust)	PEL: 15 mg/m <sup>3</sup> (total dust) PEL: 5 mg/m <sup>3</sup> (respirable dust)	

**Appropriate engineering controls**

**Engineering Controls**

General ventilation is adequate for normal use. If handling produces airborne dust, local exhaust ventilation may be needed.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Safety glasses or goggles, if needed, to prevent eye contact.

**Skin and Body Protection**

Normally not required.

**Respiratory Protection**

None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Physical State	Solid Crystals
Appearance	Tan crystals
Color	Tan
Odor	Musty

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	None	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	None	
Lower Flammability Limit	None	
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	38-39 lbs/ft <sup>3</sup>	
Water Solubility	Negligible	
Relative Density	2.3-2.37	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	None	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

None known.

### Incompatible Materials

Under uncommonly dry conditions temperature build up may occur with certain solvents and vegetable oils. Do not use with hydrofluoric acid.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Contact may cause mechanical, abrasive irritation with possible injury.
<b>Skin Contact</b>	No known hazard.
<b>Inhalation</b>	Dust may cause irritation to eyes, nose, throat and respiratory tract, with prolonged exposure.
<b>Ingestion</b>	No known hazard.

### Component Information

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. Inhalation of excessive concentrations of any dust, including this material, may lead to lung irritation and/or injury.
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### Numerical measures of toxicity

Not determined.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not determined.

**Persistence/Degradability**

Non-degradable.

**Bioaccumulation**

Not bioaccumulative.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Unused material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****DOT**

Not regulated.

**IATA**

Not regulated.

**IMDG**

Not regulated.

**15. REGULATORY INFORMATION****International Inventories**

No information available.

**TSCA**

All components of this product are listed.

**US Federal Regulations****SARA 313**

Not determined.

**US State Regulations****California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**

Not determined.

**16. OTHER INFORMATION**

<u><b>NFPA</b></u>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<u><b>HMIS</b></u>	<b>Health Hazards</b> 0	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal Protection</b> N

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**