

Solvent Saver™ Filter

Date Prepared: 06/18/2018

SDS No.: Solvent Saver Filter_0721

SECTION 1: IDENTIFICATION

PRODUCT NAME: SOLVENT SAVER FILTER

GENERAL USE: SOLVENT FILTERATION | ATTAPULGITE-TYPE CLAY IN CANVAS BAG

ALTERNATE NAMES: SS-11, SSC-11, SS-18, SSC-18, MONTMORILLONITE CLAY

MANUFACTURED FOR: GRAYMILLS CORPORATION 2601 S. 25TH AVENUE, BROADVIEW, IL 60155 USA | 773-248-6825

MANUFACTURER: JAXON FILTERATION | 6428 HWY 219, FRANKLIN, GA 30217 USA | 706-675-3996

EMERGENCY: CHEMTREC | 1-800-424-9300 (within the U.S.) | +1-703-741-5500 (outside of U.S.)
AAPCC Poison Help | 1-800-222-1222

SECTION 2: HAZARD IDENTIFICATION

GHS CLASSIFICATION

Hazard pictograms GHS label:



Signal Word: **WARNING**

EMERGENCY OVERVIEW

This product is a non-combustible, chemically inert mineral. This mineral sample contains a small amount of naturally-occurring crystalline silica as quartz. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis). IARC, in Monograph 68, has concluded that crystalline silica inhaled in the form of quartz from occupational sources is carcinogenic to humans (Group 1); however, carcinogenicity was not detected in all industrial circumstances studied. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

HEALTH HAZARDS

INGESTION: No adverse effects expected with unused material.

INHALATION: Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.

EYE: Contact may cause mechanical irritation and possible injury.

SKIN: No adverse effects expected,

SENSITICATION: No adverse effects expected.

CHRONIC/CARCINOGENICITY: Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling, and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing, and reduced pulmonary function. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied.

Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as a known carcinogen. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any

scientific or medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None currently known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Amount
Montmorillonite Clay and/or Fuller's Earth	1302-78-9/8031-18-3	80-90%
Quartz	14808-60-7	0-10%

SECTION 4: FIRST AID MEASURES

INHALATION: Move to fresh air. If irritation or other symptoms occurs, get medical attention.

SKIN CONTACT: No first aid should be needed for normal use.

EYE CONTACT: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get medical attention.

INGESTION: If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

INHALATION: Remove to fresh air.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: This product is not combustible.

EXTINGUISHING MEDIA: Use media that is appropriate for surrounding fire.

FLAMMABLE LIMITS: Not applicable.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None

SPECIAL FIREFIGHTING INSTRUCTIONS: None required.

HAZARDOUS COMBUSTION PRODUCTS: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Sweep up and collect for re-use or disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid breathing dust. If clothing becomes dusty, launder before re-use.

STORAGE: Store in a dry area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Component	Exposure Limit
Montmorillonite Clay and/or Fuller's Earth	PEL – 15 mg/m ³ TWA (total dust) PEL – 5 mg/m ³ TWA (respirable fraction)
Quartz	PEL – 10 mg/m ³ / %SiO ₂ +2 TWA TLV – 0.025 mg/m ³ TWA
PEL-OSHA Permissible Exposure Limit TLV- American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value TWA – 8-hour Weighted Average. STEL-Short Term Exposure Limit.	

ENGINEERING CONTROLS: For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.

RESPIRATORY PROTECTION: For operations where the exposure limit may exceed, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.

SKIN PROTECTION: None required for normal use.

EYE PROTECTION: Safety glasses or goggles recommended.

Other: None required for normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Gray to tan granules, no odor.

PHYSICAL STATE: Solid

BOILING POINT: Not applicable.

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Gray to tan granules, no odor.

PHYSICAL STATE: Solid

SPECIFIC GRAVITY: 2.2

pH: Not applicable

MELTING POINT: Not applicable

OCTANOL/WATER COEFFICIENT: Not applicable.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Physical contact between this material and turpentine, hydrofluoric acid, vegetable oil, or other unused unsaturated organic compounds (such as fish oil) may generate heat and/or fire. Do not use this material with these compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HAZARDS:

INHALATION: Inhalation of dust may cause irritation to the eyes, nose, throat and respiratory tract.

SKIN CONTACT: No known hazard.

EYE CONTACT: Contact may cause mechanical, abrasive irritation with possible injury.

INGESTION: No known hazard.

CHRONIC EFFECTS: Inhalation of excessive concentrations of any dust, including this material, may lead to lung irritation and/or injury.

CARCINOGENICITY LISTING: None.

ACUTE TOXICITY VALUES: None currently known.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data available for the product. No adverse effects on the environment are expected.

PERSISTENCE AND DEGRADABILITY: Fuller's Earth is non-degradable.

BIOACCUMULATIVE POTENTIAL: Not bioaccumulative.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: None currently known.

SECTION 13: DISPOSAL CONSIDERATIONS

Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Dispose in accordance with local, state and federal environmental regulations. Without proper precautions, spent bleaching clay used in bleaching fats and edible oils or with other unsaturated organic compounds is known to spontaneously combust.

Procedures for handling spent clay as follows:

Landfills: To suppress spontaneous combustion, heat can be dissipated by spreading out the clay and/or spraying with water. Cover spent clay with non-combustibles.

Plant Use: When purging the filter cake of excess oil before cleaning the filter press, excessive blowing with air can cause spontaneous combustion. To eliminate this risk, either use nitrogen or limit blowing with air. When purging the filter cake with steam, it is recommended that you do not follow the steam purging with air blowing.

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated.

UN NUMBER: Not applicable

HAZARD CLASS/PACKING GROUP: Not applicable

LABELS REQUIRED: None

SECTION 15: REGULATORY INFORMATION

CERCLA/SUPERFUND: None

SARA HAZARD CATEGORY (311/312): Chronic Health

SARA 313: None

TSCA: All the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

EINECS: All the components of this product are listed on the EINECS Inventory or exempt from notification requirements.

EEC R & S PHRASES: An Harmful, R48/20 Harmful: Danger of serious damage to health by prolonged exposure by inhalation; S22 Do not breath dust; S38 in case of insufficient ventilation, wear suitable respiratory equipment.

JAPAN MITI: All the components of this product are existing chemical substances as defined in the Chemical Substances Control Law.

AICS: All the components of this product are listed on the Canadian Domestic Substance List or exempt from notification requirements.

CANADIAN DSL: All the components of this product are listed on the Canadian Domestic Substance List or exempt from notification requirements.

CA PROPOSITION 65: This product contains respirable crystalline silica which is known to the State of California to cause cancer.

SECTION 16: OTHER INFORMATION

NFPA RATING: Health = 1; Fire = 0; Reactivity = 0

HMIS RATING: Health = 1*; Fire = 0; Reactivity = 0

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. OIL-DRI Corporation of America makes No Warranty, Expressed or Implied, with respect to the product and assumes no responsibility for any risk or liability arising from the use of the information or the product. Statements about the product should not be construed as recommendations to use the product in infringement of any patent.

PREPARED BY: Rob Cotner **DATE PREPARED:** 06/18/2018

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