

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-121/12141-46-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

12141-46-7

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

CLAY/MICRO-CELL

**Other REC Limits:**

NONE SPECIFIED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

ACGIH TLV: NOT ESTABLISHED

**Code:**

2 OSHA STEL:

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

A NIOSH/MSHA-APPROVED RESPIRATOR RESPIRATOR AS NECESSARY.

**Ventilation:**

GENERAL, LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL ANY AIR CONTAMINANTS, TO WITHIN THEIR TLVs, IN THE USE OF TH.

**Protective Gloves:**

NONE SPECIFIED BY MANUFACTURER.

**Eye Protection:**

SAFETY GLASSES

**Other Protective Equipment:**

Equipment NO INFORMATION GIVEN ON MSDS BY MFR.

**Work Hygienic Practices:**

MFR: ? HMIS: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

**Supplemental Safety and Health:**

KEY2:KT REFER TO NIOSH MANUAL OF ANALYTICAL METHODS FOR SAMPLING METHOD FOR CRYSTALLINE SILICA. 5

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 (ORAL RAT) IS UNKNOWN

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYE/SKIN CONTACT MAY CAUSE MECHANICAL IRRITATION IF EXPOSED TO LARGE AMOUNTS OF DUST. INHALATION MAY CAUSE IRRITATION TO RESPIRATORY TRACT AND LUNG DAMAGE IF EXPOSURE IS REPEATED OR PROLONGED. PROLONGED/REPEATED INHALATION MAY CAUSE PULMONARY FIBROSIS (SILICOSIS). NO ADVERSE EFFECTS EXPECTED FROM INGESTION.

**Explanation Of Carcinogenicity:**

CRYSTALLINE SILICA IS LISTED BY IARC AND NTP. SEE INDIVIDUAL REPORTS FOR DETAILS. 3

**Signs And Symptoms Of Overexposure:**

EYE/SKIN: MECHANICAL IRRITATION. INHALED: RESPIRATORY TRACT IRRITATION, COUGH, DYSPNEA, WHEEZING, LUNG DAMAGE, CANCER. INGESTED: NO ADVERSE EFFECTS EXPECTED.

**Medical Cond Aggravated By Exposure:**

MAY AGGRAVATE EXISTING RESPIRATORY AILMENTS.

**First Aid:**

EYE: FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, CALL A PHYSICIAN. SKIN: FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, CALL A PHYSICIAN. INHALED: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. GIVE OXYGEN IF BREATHING IS DIFFICULT. INGESTED: SEEK MEDICAL ADVICE.

**Spill Release Procedures:**

CONTAIN SPILLAGE AND SCOOP UP OR VACUUM. AVOID DUSTING.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

FEDERAL, STATE AND LOCAL DISPOSAL LAWS AND REGULATIONS WILL DETERMINE THE PROPER WASTE DISPOSAL PROCEDURE.

**Handling And Storage Precautions:**

USE DUSTLESS SYSTEM AND CLEAN UP SUCH THAT AIRBORNE DUST DOES NOT EXCEED PEL. PRACTICE GOOD HOUSEKEEPING. WASH OR VACUUM CLOTHING WHICH IS DUSTY.

**Other Precautions:**

PRODUCT BECOMES SLIPPERY WHEN WET. MAINTAIN VENTILATION AND DUST COLLECTION EQUIPMENT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

NON-FLAMMABLE

**Autoignition Temp:**

N/K

**Autoignition Temp Text:**

N/K 4

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER, CARBON DIOXIDE OR FOAM

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**

NOT A FIRE OR EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State Lic No:**

NONE

**Net Prop WT For Ammo:**

N/K

**Boiling Point:**

N/K

**B.P./T.P. Text:**

N/K

**M.P./F.P. Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

N/A

**Vapor Density:**

N/A

**Volatile Org Content %:**

N/K

**Spec Gravity:**

2.0

**VOC Pounds/Gallon:**

N/K

**PH:**

BLANK

**VOC Grams/Liter:**

N/K

**Viscosity:**

NONE

**Evaporation Rate & Reference:**

NONE

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

GREY TO OFF-WHITE GRANULES; ODORLESS

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

**Other Information:**

N/P

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NONE EXPECTED

**Materials To Avoid:**

NONE EXPECTED

**Hazardous Decomposition Products:**

NONE EXPECTED

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

"NOT APPLICABLE"

## Toxicological Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

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