

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
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 EXOSED TO LARGE AMOUNTS OF DUST. INHALATION MAY CAUSE IRRITATION TO RESPIRATORY TRACT AND LUNG DAMAGE IF EXPOSURE IS REPEATED OR PROLONGED. PROLONGE D/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 Symptions Of Overexposure:**  
EYE/SKIN:MECHANICAL IRRITATION. INHALED:RESPIRATORY TRACT IRRITATION, COUGH, DYPNEA, 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 A TTENTION. 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 EXCEEC 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:**

**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:**

**Boiling Point:**

**B.P. Text:**  
"N/A"

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
"N/A"

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
"N/A"

**Vapor Density:**  
"N/A"

**Volatile Org Content %:**

**Spec Gravity:**  
2.0

**VOC Pounds/Gallon:**

**PH:** BLANK

**VOC Grams/Liter:**

**Viscosity:**  
NONE

**Evaporation Rate & Reference:**  
NONE

**Solubility in Water:**  
NEGLEGIBLE

**Appearance and Odor:**  
GREY TO OFF-WHITE GRANULES; ODORLESS

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE EXPECTED

**Materials To Avoid:**  
NONE EXPERTCED

**Hazardous Decomposition Products:**  
NONE EXPECTED

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
"NOT APPLICABLE"

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P