

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9004-62-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
9004-62-0  
**Code:**  
M

**RTECS:**  
FJ5958000  
**Code:**  
M

**Name:**  
CELLULOSE, 2-HYDROXYETHYL ETHER; (HYDROXYETHYL CE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
NOT APPLICABLE  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT APPLICABLE  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE A NIOSH/MSHA APPROVED DUST RESPIRATOR.

**Ventilation:**  
GENERAL MECHANICAL OR LOCAL EXHAUST.

**Protective Gloves:**  
IMPERVIOUS GLOVES (FP N).

**Eye Protection:**  
CHEMICAL WORKERS GOGGLES (FP N).

**Other Protective Equipment:**  
Equipment NONE SPECIFIED BY MANUFACTURER.

**Work Hygienic Practices:**  
WASH WITH SOAP AND WATER.

**Supplemental Safety and Health:**  
NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: EYES: PARTICLES MAY CAUSE IRRIT. SKIN: MAY DRY SKIN. INHAL: BRTHG OF MIXING DUST MAY CAUSE IRRIT TO EYES, NOSE, THROAT/UPPER RESP SYSTEM. INGEST: NONE KNOWN. CHRONIC: EYES/SKIN/ INGEST: NONE KN OWN. INHAL: LONG TERM INHAL OF LG AMTS OF RESPIRABLE MICA/ TALC DUST CAN CAUSE LUNG DAM (PULMONARY FIBROSIS).

**Explanation Of Carcinogenicity:**  
NOT RELEVANT

**Signs And Symptions Of Overexposure:**  
SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.

**First Aid:**  
EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE PARTICLES. IF IRRITATION CONTINUES, SEE MD. SKIN: WASH WITH SOAP AND WATER. INHAL: REMOVE TO FRESH AIR. INGEST: NONE KNOWN. CALL MD IF DISCOMFO RT OCCURS.

**Spill Release Procedures:**  
SWEEP UP. AVOID CREATING DUST.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A DRY PLACE.

**Other Precautions:**  
NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE 4

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
NOT COMBUSTIBLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

**Fire Fighting Procedures:**  
NONE. WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
2.6-2.7

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P 5

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
0.2-2.25%

**Appearance and Odor:**  
GRAY OR BUFF COLORED POWDER; LOW ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT

## 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