

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/12168-85-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12168-85-3
Code:
M

RTECS:

Code:
X

Name:
TRICALCIUM SILICATE; (3 CAO.SIO*2) (MFR CAS NO. 1

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
7 IN DUST ENVIRONMENTS, THE USE OF NIOSH/MSHA APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:
LOCAL EXHAUST CAN BE USED, IF NECESSARY, TO CONTROL AIRBORNE DUST LEVELS.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPRVD TIGHT FITTING GOGG (FP N).

Other Protective Equipment:
Equipment USE BARRIER CREAMS, BOOTS CLOTHING TO PROTECT SKIN FROM PRLNG CONT W/WET CEMENT, ESP IN PLASTIC (UNHARDENED) CONCRETE.

Work Hygienic Practices:
IMMEDIATELY AFTER WORKING W/CEMENT, WORKERS SHOULD SHOWER W/SOAP WATER.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:WET CEMENT ESPECIALLY AS INGREDIENT IN PLASTIC (UNHARDENED) CONCRETE, CAN DRY SKIN & CAUSE ALKALI BURNS. CEMENT DUST CAN IRRITATE EYES & UPPER RESPIRATORY TRACT. CHRONIC:CEMENT DUST CAN CAUSE IN FLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE & INFLAMMATION OF THE EYE. HYPERSENSITIVE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
HLTH HAZ:INDIVIDUALS MAY DEVELOP AN ALLERGIC DERMATITIS (SKIN RASH).

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INGEST:CALL MD IMMEDIATELY (FP N). INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (FP N). EYES:IRRIGATE W/WATER FOR AT LEAST 15 MINUTES, CONSULT MD. SKIN:WASH EXPOSED AREAS W/SOAP & WATER.

Spill Release Procedures:
6 USE DRY CLEANUP METHODS THAT DO NOT DISPERSE THE DUST INTO THE AIR.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N). MATERIAL CAN BE RETURNED TO CONTAINER FOR LATER USE, OR IT CAN BE DISPOSED OF AS AN INDUSTRIAL WASTE.

Handling And Storage Precautions:
PRECAUTIONS MUST BE OBSERVED BECAUSE CEMENT BURNS W/LITTLE WARNING - LITTLE HEAT IS SENSED.

Other Precautions:
NONE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
NONE. NONCOMBUSTIBLE & NONEXPLOSIVE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
3.15

VOC Pounds/Gallon:
8

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
SLIGHT (0.1-1%)

Appearance and Odor:
GRAY (OR WHITE) POWDER; NO ODOR.

Percent Volatiles by Volume:
0

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
KEEP DRY UNTIL USED.

Materials To Avoid:
NONE.

Hazardous Decomposition Products:
NONE.

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



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