MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-118/1185-55-3.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
1185-55-3
Code:
T

RTECS:
VV4650000
Code:
T

Name:
METHYLTRIMETHOXYSILANE 1 Environmental Wt: Oth

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IF PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. USE NIOSH APPROVED SCBA OR OTHER SUPPL IED-AIR RESPIRATOR.

Ventilation:
LOCAL EXHAUST AND GENERAL VENTILATION RECOMMENDED.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices:
INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS. WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO 2

Health Hazards Acute And Chronic:
ACUTE: EYES: DIRECT CONT IRRITATES SLIGHTLY W/REDNESS & SWELL. SKIN: A SINGLE RELATIVELY SHORT EXPOS CAUSES NO KNOWN ADVERSE EFTS. SEVERAL RPTD/PRLNG EXPOS (24-48 HRS) MAY IRRITATE. INHAL: VAP MAY IRRITATE NOSE & THROAT. PROD GENERATESMETHYL ALCOHOL WHICH MAY CAUSE BLINDNESS & DMG TO NERV SYS. VAP OVEREXP MAY CAUSE DROW. INGEST: PROD GENERATES METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS & POSS DEATH IF SWALLOWED. CHRONIC: SKIN: NONE KNOWN. INHAL: PROD GENERATES METHYL ALCOHOL WHICH MAY CAUSE

Explanation Of Carcinogenicity:
N/P

Signs And Symptoms Of Overexposure:
HLTH HAZ: WHEN HEATED TO TEMPERATURES ABOVE 180C IN THE PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, A KNOWN SKIN AND RESPIRATORY SENSITIZER, AND AN IRRITANT TO THE EYES, NOSE, THROAT, SKIN, AND DIGESTIVE SYSTEM. SAFE HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING VAPOR CONCENTRATIONS WITHIN THE OSHA PERMISSIBLE EXPOSURE LIMIT FOR FORMALDEHY DE.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: NO FIRST AID SHOULD BE NEEDED. FLUSH WITH COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. INGESTION: GET MEDICALATTENTION. IF CONSCIOUS, INDUCE VOMITING. LIE DOWN, KEEP WARM, AND COVER EYES TO EXCLUDE LIGHT. COMMENTS: TREAT SAME AS METHYL ALCOHOL POISONING.

Spill Release Procedures:
SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS. LOCAL, STATE, AND FEDERAL REPORTING REQUIREMENTS MAY APPLY TO SPILLS OR RELEASES OF THIS MAT ERIAL INTO THE ENVIRONMENT.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSAL OF COLLECTED PRODUCT, RESIDUES, AND CLEANUP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL WASTE MANAGEMENT REGULATIONS. CALL DOW CORNING ENVIRO NMENTAL MANAGEMENT (517)496-6315, IF MORE INFORMATION IS DESIRED.

Handling And Storage Precautions:
KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE. AVOID EYE CONTACT. AVOID BREATHING VAPOR. DO NOT TAKE INTERNALLY. THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.

Other Precautions:
METHYL ALCOHOL FORMS ON CONTACT WITH WATER OR HUMID AIR. PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURES WITHIN GUIDELINES OF OSHA PEL.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
N/A (SOLID)

Autoignition Temp:

Autoignition Temp Text:
N/K 3

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CARBON DIOXIDE (CO^{2}), WATER, WATER FOG (OR SPRAY), DRY CHEMICAL, FOAM.

Fire Fighting Procedures:
WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA.

Unusual Fire/Explosion Hazard:
NONE.

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/P

Vapor Pres:
N/A @ 25C

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
1.12 @ 25C

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/A 4

Evaporation Rate & Reference:
N/P

Solubility in Water:
NONE

Appearance and Odor:
GRAY PASTE WITH SLIGHT ODOR.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
WATER, MOISTURE, OR HUMID AIR.

Materials To Avoid:
OXIDIZING MATERIALS CAN CAUSE A REACTION.

Hazardous Decomposition Products:
THERMAL BREAKDOWN DURING FIRE/VERY HIGH HEAT CNDTNS MAY EVOLVE THE FOLLOWING HAZ DECOMP PRODS: METAL OXIDES, CARBON OXIDES &TRACES OF INCOMPLETELY BURNED CARBON CMPDS, SILICON DIOXIDE, FORMALDEHYDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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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