

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-425/4253-34-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

4253-34-3

Code:

M

RTECS:

VV4500000

Code:

M

Name:

METHYLTRIACETOXYSLANE (OSHA PEL ACGIH TLV, STEL 1

Other REC Limits:

N/K(FPN)

OSHA PEL:

10 PPM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

10 PPM

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

ACID GAS/ORGANIC VAPOR TYPE(MFR).NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP-N)

Ventilation:

LOCAL EXHAUST: MAY BE NEEDED. MECHANICAL(GENERAL):RECOMMENDED.

Protective Gloves:

RUBBER OR PLASTIC RECOMMENDED

Eye Protection:

CGEMICAL WORKERS GOGGLES (FP-N)

Other Protective Equipment:

Equipment N/P

Work Hygienic Practices:

WASHING AT MEALTIME END OF SHIFT IS ADEQUATE. REMOVE CONTAM CLOTHING SHOES AS SOON AS PRACTICAL, CLEAN BEFORE REUSE.

Supplemental Safety and Health:

PART NO: INFORMATION FOR BRONZE,BLACK,ALUMINUM & WHITE COLORS.SIGNS & SYMPTOMS OF OVEREXPOSURE: INJURE, SWALLOWING LG AMTS MAY CAUSE DIGESTIVE DISCOMFORT. NO INJURY FROM SILICA DUST SHOULD OCCUR. IF USE CR EATES RESPIRABLE PARTICLES, RESP SYSTEM INJURY MAY OCCUR. CURED SEALANT, NONHAZARDOUS.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.

Explanation Of Carcinogenicity:

N/A(FPN)

Signs And Symptoms Of Overexposure:

EYE: DIRECT CONTACT IRRITATES SLIGHTLY TO MODERATELY W/ REDNESS & SWELLING. SKIN: A SINGLE SHORT EXPOSURE (<24 HOURS) MAY IRRITATE. RPTD PROLONGED CONTACT(24 TO 48 HOURS) MAY IRRITATE EYES, NOSE & THROAT. ORA L:SM AMTS TRANSFERRED TO MOUTH BY FINGERS DURING USE SHOULD NOT(SUP DATA). 3

Medical Cond Aggravated By Exposure:

THIS PRODUCT, AS W/ ANY CHEMICAL, MAY ENHANCE ALLERGIC CONDITIONS ON CERTAIN PEOPLE. WE DO NOT KNOW OF ANY MEDICAL CONDITIONS THAT MIGHT BE AGGRAVATED BY EXPOSURE TO, THIS PRODUCT(MFR)

First Aid:

EYE: FLUSH W/ WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WIPE OFF AND FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR. ORAL: NO FIRST AID SHOULD BE NEEDED(MFR. INGEST: CONTACT PHYSICIAN(FPN)).

Spill Release Procedures:

REMOVE PRODUCT AND CONTAIN FOR SALVAGE OR DISPOSAL.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL QUESTIONS.

Handling And Storage Precautions:

STORE BELOW 90 F/32 C. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

TRACES OF FORMALDEHYDE & OTHER THERMAL DECOMP PRODUCTS MAY FORM AT TEMPERATURES ABOVE 150 C. IN THE PRESENCE OF AIR. PROVIDE VENT TO CONTROL VAPOR EXPOSURE WITHIN INHALATION GUIDELINE WHEN HANDLING AT ELEVATED TEMPERATURES.

Fire and Explosion Hazard Information

Flash Point Method:

OC

Flash Point:

ABOVE 250F;120C

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/D

Upper Limits:

N/D

Extinguishing Media:

4 WATER FOG, CO₂ DRY CHEMICAL

Fire Fighting Procedures:

SELF-CONTAINED BRTHNG APPAR & PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:

NOT KNOWN TO DOW CORNING

Physical/Chemical Properties

HCC:

5V7

NPC/State IIC No:

N/A

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

N/A

M.P./F.P. Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

<1-5MM

Vapor Density:

ABOVE 1

Volatile Org Content %:

N/A

Spec Gravity:

1.04

VOC Pounds/Gallon:

N/A

PH:

N/P

VOC Grams/Liter:

N/A

Viscosity:

N/D

Evaporation Rate & Reference:

N/A

Solubility in Water:

NEGIGIBLE

Appearance and Odor:

ACETIC ACID-LIKE PASTE, BRONZE, BLACK, ALUMINUM, WHITE

Percent Volatiles by Volume:

WT.<5

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXPOSURE TO AIR OR MOISTURE UNTIL REEQDY TO USE.

Materials To Avoid:

OXIDIZING MATERIAL CAN A REACTION. AIR OR MOISTURE CAUSES CURING AND ACETIC ACID VOPORS FORM.

Hazardous Decomposition Products:

SO₂, CO₂ TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS

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

Other Information:

N/P