

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-159/15901-40-3.html> for suppliers of this product.

Composition/Information on Ingredient

15901-40-3

Code:
M

RTECS:

Code:
X

Name:
SILANETRIAMINE, N,N',N"-TRICYCLOHEXYL-1-METHYL

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED.

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED.

Code:
M

ACGIHSTEL:
N/P

Code:

Respiratory Protection:
NONE REQUIRED WHERE APPLICABLE

ORGANIC VAPOR RESPIRATOR WITH DUST, MIST AND FUME FILTER. IF HIGHER LEVEL OF PROTECTION REQUIRED USE POSITIVE PRESS AIR-SUPPLIED RESPIRATOR.

Ventilation:
USE LOCAL/GENERAL AS NECESSARY TO MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:
RUBBER GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection:
SAFETY GLASSES/GOGGLES/FACE SHIELD.

Other Protective Equipment:
EQUIPMENT PROVIDE EYE WASH STATION AND SAFETY SHOWER. WEAR LONG SLEEVED AND IMPERVIOUS CLOTHING.

Work Hygienic Practices:
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. 6

Supplemental Safety and Health:
N/P

Health Hazard Data

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:
EYES: IRRITATION. SKIN AND INHALATION: NO TOXIC EFFECTS EXPECTED. INGESTION: NOT EXPECTED IN INDUSTRIAL USE. THIS MATERIAL RELEASES CYCLOHEXYLAMINE UPON MOISTURE CURING WHICH MAY CAUSE IRRITATION OF EYES, MUCOUS MEMBRANES AND SKIN. DIRECT CONTACT WITH EYES AND SKIN WILL CAUSE BURNS AND MAY CAUSE PERMANENT DAMAGE.

Explanation Of Carcinogenicity:
N/P 4

Signs And Symptoms Of Overexposure:
EYES: IRRITATION. SKIN AND INHALATION: NO TOXIC EFFECTS EXPECTED. INGESTION: NOT EXPECTED IN INDUSTRIAL USE. THIS MATERIAL RELEASES CYCLOHEXYLAMINE UPON MOISTURE CURING WHICH MAY CAUSE IRRITATION OF EYES, MUCOUS MEMBRANES AND SKIN. DIRECT CONTACT WITH EYES AND SKIN WILL CAUSE BURNS AND MAY CAUSE PERMANENT DAMAGE.

Medical Cond Aggravated By Exposure:
NONE KNOWN.

First Aid:
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: REMOVE CONTAMINATED CLOTHING. REMOVE EXCESS MATERIAL FROM SKIN WITH A WATERLESS SKIN CLEANER. FLUSH SKIN WITH LARGE AMOUNTS OF WATER AND WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. GET MEDICAL ATTENTION. INGESTION: INGESTION IS UNLIKELY TO OCCUR.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT TO PROTECT AGAINST TOXIC VAPORS AND TO PREVENT SKIN AND EYE CONTACT. VENTILATE AREA. ABSORB SPILL WITH SAND OR FULLER'S EARTH. SWEEP UP AND PLACE IN AN APPROPRIATE CHEMICAL WASTE CONTAINER. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
MATERIAL THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EMPTY CONTAINERS MAY CONTAIN RESIDUAL MATERIAL. DO NOT REUSE CONTAINERS UNLESS PROPERLY

Fire and Explosion Hazard Information

Flash Point:
N/A

Flash Point Text:
NONE 5

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
USE WATER SPRAY, DRY CHEMICALS, CARBON DIOXIDE.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED FULL-FACE SCBA AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
THIS IS A PASTE-LIKE MATERIAL THAT WILL BURN WITH A LAZY SMOLDERING TYPE FLAME. COMBUSTION PRODUCTS OF UNCURED

HCC:

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
3.4

Volatile Org Content %:

Spec Gravity:
1.03

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
BLACK PASTE. AMMONIACAL ODOR.

Percent Volatiles by Volume:
3.0

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STABLE AT AMBIENT TEMPERATURES AND ATMOSPHERIC PRESSURE. AVOID EXTREME HEAT, FIRE, MOISTURE.

Materials To Avoid:
UNCURED MATERIAL; AVOID CONTACT WITH WATER, ACIDS, ALCOHOL, STRONG ALKALIES, STRONG OXIDIZERS.

Hazardous Decomposition Products:
SILICON DIOXIDE, CARBON MONOXIDE, CARBON DIOXIDE AND VARIOUS HYDROCARBON FRAGMENTS. 7

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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/A

Other Information:N/P

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WARRANTY
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