

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-901/9010-88-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9010-88-2
Code:
M
RTECS:
Code:
X
Name:
2-PROPANOIC ACID, 2-METHYL-METHYL ESTER POLYMER W
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:
RESP PROT PROGRAM MEETING OSHA 1900.134 & ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CNDTNS WARRANT RESP'S USE. NONE REQD IF AIRBORNE CONCS ARE MAINTAINED BELOW TLV'S LISTED. FOR AIRB ORNE CONCS UP TO 10 TIMES TLV'S (ING 16)
Ventilation:
USE LOC EXHST VENT W/MIN CAPTURE VELOCITY OF 100 FT/MIN (30M/MIN) AT POINT OF VAP EVOLUTION. REFER TO CURRENT (ING 19)
Protective Gloves:
BUTYL RUBBER GLOVES. RINSE (ING 21)
Eye Protection:
ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment:
Equipment EYE WASH FOUNTAIN DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). USE CHEMICALLY RESIST APRON/OTHER (ING 22)
Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
SPILL PROC:CONTAM PS 30 MAY BE UNSTABLE. COMPONENT IN EXCESS OF ITS RQ MUST BE REPORTED TO NRC (1-800-424-8802) & TO APPROP STATE & LOC EMER RESPONSE ORGANIZATIONS. RQ.METHYL METHACRYLATE:1000 LBS. OT HER PREC:TEST ON MATL STORED IN DRUMS &PAILS EVERY 3 MONTHS. THIS MATL IS POTNTL SKIN SENSITIZER. SEE SPECIAL (ING 14)

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
YES
Carcinogenicity Inds - NTP:
YES
IARC:
YES
OSHA:
NO
Health Hazards Acute And Chronic:
ACUTE:INHAL:INHALATION OF VAPORS OR MIST CAN CAUSE IRRITATION OF NOSE & THROAT. REPEATED OR PROLONGED EXPOSURE CAN CAUSE HEADACHE, NAUSEA, DROWSINESS, UNCONSCIOUSNESS. EYE CONTACT:MATERIAL AS SUPPLIED , CAN CAUSE SLIGHT IRRITATION. SKIN CONTACT:MODERATE IRRITATION. NOTE:MATERIAL IS A POSSIBLE SKIN (EFTS OF OVEREXP)
Explanation Of Carcinogenicity:
PHENOL,(1,1-DIMETHYLETHYL)-4-METHOXY-:IARC MONOGRAPHS, SUPP, VOL 7, PG 56, 1987:GRP 2B. NTP 7TH ANNUAL RPT ON (ING 23)
Signs And Symptions Of Overexposure:
HLTH HAZ:SENSITIZER. INGEST:MATERIAL IS POSSIBLY HARMFUL IF SWALLOWED. CHRONIC:PROLONGED OR REPEATED EXPOSURE CAN CAUSE ALLERGIC SKIN REACTION, KIDNEY DAMAGE, LIVER DAMAGE.
Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.
First Aid:
INHAL:MOVE SUBJECT TO FRESH AIR. GIVE ARTF RESP IF BREATHING HAS SPED. GET PROMPT MEDICAL ATTENTION. EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONSULT MD, IF IRRITATION PERSISTS. SKIN:REMOVE & WASH CONTAMINATED CLOTHING THOROUGHLY. WASH 11 SKIN THORO W/SOAP & WATER. SEE MD. INGEST:GIVE 2 GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEE MD.
Spill Release Procedures:
APPROP PROT EQUIP MUST BE WORN WHEN HNDLG SPILL OF THIS MATL. KEEP SPECTATORS AWAY. ELIM ALL IGNIT SOURCES. CONTAIN SPILLS IMMED W/INERT MATLS(E.G. SAND, EARTH). TRANSFER LIQS & SOLID DIKING MATL TO S EPARATE SUITABLE CNTNRS FOR RECOVERY/DISP.(SUPDAT)
Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods:
INCINERATE LIQUID & CONTAMINATED DIKING MATERIAL I/A/W LOCAL, STATE & FEDERAL REGULATIONS. WHEN THIS PRODUCT BECOMES A WASTE, IT IS CLASSIFIED AS HAZ WASTE UNDER CRITERIA OF RCRA, CATEGORY: U-162 (40C FR 261).
Handling And Storage Precautions:
STORE OUT OF DIRECT SUNLIGHT IN COOL PLACE. AVOID TEMP EXTREMES DURING STOR; AMBIENT TEMP PREF. TOTAL ABSENCE OF OXYGEN WILL INACTIVATE INHIBITOR.
Other Precautions:
MATL CAN BURN; LIM INDOOR STOR TO APPRVD AREAS EQUIPPED W/AUTOMATIC SPRINKLERS. DO NOT STORE UNDER OXYGEN-FREE ENVIRON. LEAVE AIR SPACE OVER LIQ SURF IN ALL CNTNRS INTRODUCING AIR PERIODICALLY IF STOR ED >6 MONTHS. CONDUCT STABILITY (SUPDAT)

Fire and Explosion Hazard Information

Flash Point Method:
N/P
Flash Point:
Flash Point Text:
48.2F,9.0C
Autoignition Temp:
Autoignition Temp Text:
N/A
Lower Limits:
2.1%
Upper Limits:
12.5%
Extinguishing Media:
POLAR SOLVENT (ALCOHOL) FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). FIGHT ADVANCED FIRE FROM PROTECTED LOCATION. USE WATER SPRAY TO COOL CNTNRS EXPOSED TO FIRE. 12
Unusual Fire/Explosion Hazard:
VAPOR CAN TRAVEL TO A SOURCE OF IGNITION & FLASH BACK. HEATED CONTAINERS CAN EXPLODE.

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
13
Boiling Point:
B.P. Text:
214F,101C
Melt/Freeze Pt:
M.P./F.P Text:
-54F,-48C
Decomp Temp:
Decomp Text:
N/K
Vapor Pres:
29 @ 20C
Vapor Density:
3.5
Volatile Org Content %:
Spec Gravity:
0.94 (H*20=1)
VOC Pounds/Gallon:
PH: N/K
VOC Grams/Liter:
Viscosity:
N/P
Evaporation Rate & Reference:
>1 (BUTYL ACETATE=1)
Solubility in Water:
1.5%
Appearance and Odor:
CLEAR, COLORLESS; FRUITY ODOR.
Percent Volatiles by Volume:
100
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
UV LIGHT.
Materials To Avoid:
ACIDS, BASES, OXIDIZING AGENTS, REDUCING AGENTS.
Hazardous Decomposition Products:
THERE ARE NO KNOWN HAZARDOUS DECOMPOSITION PRODUCTS FOR THIS MATERIAL.
Hazardous Polymerization Indicator:
YES
Conditions To Avoid Polymerization:
EXCESSIVE AGING, HEAT, CONTAM W/POLYM CATALYSTS, OXYG-FREE ATM, INHIBITOR DEPLETION/UV LIGHT (SUNLIGHT) MAY CAUSE POLYM.

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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WARRANTY

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