

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9002-86-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9002-86-2
Code:
T

RTECS:
KV0350000
Code:
T

Name:
POLY(VINYL CHLORIDE); (POLYVINYL CHLORIDE RESIN)

Other REC Limits:
N/K

OSHA PEL:
SEE TABLE Z3
Code:
M

OSHA STEL:
N/P
Code:

ACGIH TLV:
0.1 MG/M3 RDUST;9293
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH APPROVED FULL-FACE ORGANIC VAPOR CARTRIDGE TO 50X PEL: SCUBA FOR EMERGENCIES.

Ventilation:
LOCAL EXHAUST AND MECHANICAL (GENERAL). OTHER (SPECIFY): EXPLOSION PROOF IN ACCORDANCE WITH NFPA 30 AND THE NEC.

Protective Gloves:
RUBBER OR PVA COATED.

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

Other Protective Equipment:
Equipment ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N).

Work Hygienic Practices:
NEARBY SOURCE OF RUNNING WATER.

Supplemental Safety and Health:
EFTS OF OVEREXP: SOME DEPOSITS CONTAIN SMALL AMTS OF CRYSTALLINE QUARTZ & ARE THEREFORE FIBROGENIC. POLYVINYL CHLORIDE: CHRONIC INHAL OF PVC DUST HAS BE REPORTED TO CAUSE PULMONARY DMG, BLOOD EFTS & A BNORMAL LIVER FUNCTION. RPTD SKIN CNTCTCAN CAUSE ALLERGIC DERMATITIS. CARBON BLACK: MILDLY TOX BY INGEST, (OTHER INFO)

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
SOLVS: METHYL KETHYL KETONE: MOD TOX BY INGEST & SKIN CNTCT. STRONG EYE IRRITANT. SYSTEMIC EFTS: CONJ, NOSE & LUNG IRRIT. AFFECTS PERIPHERAL NERVOUS SYS & CNS. EXPERIMENTAL TERATOGEN. TETRAHYDROFURAN: MOD TOX BY INGEST. MILDLY TOX BY INHAL.SYSTEMIC EFTS BY INHAL: GENERAL ANESTH. EYE & MUC MEMB IRRIT. NARCOTIC AT HIGH CONC. MAY CAUSE INJURY TO LIVER & KIDNEYS. CYCLOHEXANONE: MOD TOX BY INGEST & INH AL. SKIN & SEV EYE IRRITANT. SYSTEMIC EFTS BY INHAL: CHANGES IN SENSE OF SMELL,CONJ IRRIT, &

Explanation Of Carcinogenicity:
CARBON BLACK: IARC MONOGRAPHS ON THE EVALATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOLUME 65, PAGE 149, 1996: GROUP 2B.

Signs And Symptoms Of Overexposure:
3 HLTH HAZ: ACETONE: MOD TOX BY INGEST, INHAL & SKIN CNTCT. SKIN & SEV EYE IRRIT. SYSTEMIC EFTS BY INHAL: CHANGES TO EEG, CHANGES IN CARBOHYDRATE METABOLISM, NASAL EFTS, CONJ IRRIT, RESP SYS EFTS, NAUSE A & VOMIT, & MUSCLE WEAK. SYSTEMIC EFTSBY INGEST: COMA, KIDNEY DMG, & METABOLIC CHANGES. NARCOTIC AT HIGH CONC. IN INDUSTRY NO INJURIOUS EFTS HAVE BEEN REPORTED OTHER THAN SKIN IRRIT RESULTING FROM IT S DEFATTING ACTION/HDCH FROM PRLNGD INHAL. REPROD EFTS HAVE BEEN REPORTED IN EXPERIMENTA

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHALATION: REMOVE TO FRESH AIR AND IF BREATHING IS SPED GIVE CPR; IF BREATHING IS DIFFICULT GIVE OXYGEN. EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS, CALL A PHYSICIAN. INGESTION: GIVE 1 OR 2 GLASSES OF WATER OR M ILK. DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER FOR ADDITIONAL HELP.

Spill Release Procedures:
VENTILATE AREA, S LEAK IF IT CAN BE DONE WITHOUT RISK. TAKE UP WITH SAND, EARTH OR OTHER ABSORBENT.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF WASTE IN A LICENSED LANDFILL OR INCINERATE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE ACCORDING TO NFPA 30 FOR FLAMMABLE LIQUIDS.

Other Precautions:
SPECIAL HAZARD DESIGNATIONS: HMIS: HEALTH: 2, FLAMMABILITY: 3, REACTIVITY: 0, PROTECTIVE EQUIPMENT: H. NFPA: HEALTH: 2, FLAMMABILITY: 3, REACTIVITY: 1. HAZARD RATING: HEALTH: 0-MINIMAL, FLAMMABILITY: 1-SLIGHT, REACTIVITY: 2-MODERATE, PROTECTIVE EQUIPMENT: 3-SERIOUS, 4-SEVERE.

Fire and Explosion Hazard Information

Flash Point Method:
TOC

Flash Point:
=-15.C, 5.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
1.8%

Upper Limits:
11.8%

Extinguishing Media:
WATER, FOAM, ABC DRY CHEMICAL, CARBON DIOXIDE.

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

Unusual Fire/Explosion Hazard:
FIRE HAZARD BECAUSE OF LOW FLASH POINT AND HIGHLY VOLATILITY. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION. 4

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
=66.1C, 151.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
145 MMHG @ 20C

Vapor Density:
2.5(AIR=1)

Volatile Org Content %:

Spec Gravity:
0.94+/-0.02 (H*20=1)

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
MODERATE

Appearance and Odor:
GRAY LIQUID WITH ETHER-LIKE ODOR.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
5 KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION. ALL HEATING EQUIPMENT SHOULD BE ELECTRICALLY GROUNDED.

Materials To Avoid:
CAUSTICS, AMMONIA, INORGANIC ACIDS, CHLORINATED COMPOUNDS, STRONG OXIDIZERS AND ISOCYANATES.

Hazardous Decomposition Products:
WHEN FORCED TO BURN GIVES OF CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE AND SMOKE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION.

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