

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-108/108-31-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
108-31-6
Code:
M

RTECS:
ON3675000
Code:
M

Name:
MALEIC ANHYDBIDE

Other REC Limits:
0.25 PPM

OSHA PEL:
1 MG/CUM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1.0 MG/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE FOR SMALL QUANTITIES.

Ventilation:
MECHANICAL VENTILATION TO KEEP VAPOR BELOW EXPOSURE LIMITS.

Protective Gloves:
SOLVENT RESISTANT

Eye Protection:
CHEMICAL SPLASH GOGGLES/SHIELD GLASSES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
THIS PRODUCT IS OBSOLETE. 3

Health Hazards Data

LD50LC50Mixture:
N/K

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: IRRITATION, POTENTIAL SENSITIZATION. INHALATION: HEADACHE, NAUSEA, DIZZINESS, IRRITATION OF MUCOUS MEMBRANES.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
N/K

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/LARGE AMOUNTS OF WATER. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
ABSORB IN INERT MATERIAL & TRANSFER TO SUITABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
2 DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AT TEMPERATURES <80F. STORAGE >80F WILL REDUCE SHELF LIFE.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
51F (MMA)

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
2% (MMA)

Upper Limits:
12.5%

Extinguishing Media:
CHEMICAL, FOAM, CO2, WATER, FOG

Fire Fighting Procedures:
COOL CONTAINERS OF MATERIALS EXPOSED TO HEAT W/COLD WATER SPRAY. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL TO IGNITION SOURCE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
214F (MMA)

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
29 (MMA)

Vapor Density:
3.46 (MMA)

Volatile Org Content %:

Spec Gravity:
1.18

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC = 1): 3 (MMA)

Solubility in Water:
SLIGHT

Appearance and Odor:
VISCIOUS PASTE, PUNGENT ACRYLIC ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPS >110F &OTHER SOURCES OF IGNITION

Materials To Avoid:
AMINES, METALLIES, OXIDIZING OR REDUCING AGENTS

Hazardous Decomposition Products:
HYDROGEN CHLORIDE, OXIDES OF NITROGEN, CO, CO2

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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