

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/120-80-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
120-80-9
Code:
M

RTECS:
DJ3450000
Code:
M

Name:
CATECHOL; PYROCATECHOL

Other REC Limits:
5 PPM

OSHA PEL:
5 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
2320 MG/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF >TLV, USE NIOSH-APPROVED RESPIRATOR. WEAR FULL FACEPIECE RESPIRATOR FOR EYE/FACE PROTECTION. WHEN CUTTING, GRINDING, OR SANDING, WEAR APPROPRIATE DUST RESPIRATORY PROTECTION.

Ventilation:
GOOD ENCLOSURE & LOCAL EXHAUST TO KEEP

Protective Gloves:
BARRIER CREAM USED W/IMPERVIOUS GLOVES

Eye Protection:
CHEMICAL SPLASH PROOF GOGGLES

Other Protective Equipment:
Equipment IMPERVIOUS APRON/WORKPANTS/LONG SLEEVE WORK SHIRT/DISPOSABLE COVERALL/FACE SHIELD/EYEWASH/SAFETY SHOWER/IMPERVIOUS BOOTS

Work Hygienic Practices:
REMOVE/LAUNDER/DISCARD CONTAMINATED CLOTHING/SHOES BEFORE REUSE. WASH BEFORE EATING/DRINKING/SMOKING/AFTER HANDLING.

Supplemental Safety and Health:
REPORTABLE QUANTITY OF PRODUCT (METHANOL): 7,246 LBS.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 5.6-13 G/KG (METHANOL)

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
2 EYES: IRRITATION & SERIOUS DAMAGE. SKIN: ALLERGIC REACTIONS & IRRITATION. INHALATION: IRRITATION OR INJURY OF RESPIRATORY TRACT & HEADACHE. INGESTION: BLINDNESS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES: IRRITATION & SERIOUS DAMAGE. SKIN: ALLERGIC REACTION & IRRITATION. INHALATION: IRRITATION OR INJURY OF RESPIRATORY TRACT & HEADACHE. INGESTION: BLINDNESS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
SKIN: IMMEDIATELY WASH AFFECTED AREAS W/SOAP & PLENTY OF WATER. EYES: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF THERE IS DIFFICULTY IN BREA THING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
REMOVE ALL SOURCES OF IGNITION. WEAR PROTECTIVE EQUIPMENT. COVER SPILLS W/SOME INERT ABSORBENT MATERIAL. SWEEP UP & PLACE IN A WASTE DISPOSAL CONTAINER. FLUSH AREA W/WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE GOVERNMENTAL REGULATIONS. FLAMMABLE LIQUID & VAPOR. UN1993.

Handling And Storage Precautions:
AVOID CONTACT W/SKIN & EYES. AVOID INHALATION OF VAPOR. STORE AT/<0F TO PROLONG SHELF LIFE. DON'T STORE >ROOM TEMP. KEEP CONTAINER CLOSED. SHAKE WELL.

Other Precautions:
FOOD/BEVERAGES/TOBACCO PRODUCTS SHOULDN'T BE CARRIED/STORED/CONSUMED WHERE THIS MATERIAL IS IN USE. CUTTING/GRINDING/SANDING IF PARTS FABRICATED AFTER CURING OF THIS MATERIAL MAY CREATE RESPIRABLE DUS T PARTICLES. USE W/ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
38F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, ALCOHOL FOAM, CO2 OR DRY CHEMICAL

Fire Fighting Procedures:
WATER STREAM MAY BE INEFFECTIVE. USE WATER TO KEEP CONTAINERS COOL. WEAR SCBA & FULL PROTECTIVE CLOTHING. USE FIRE-SAFE PRACTICES/ELECTRICAL EQUIPMENT.

Unusual Fire/Explosion Hazard:
3 FLAMMABLE LIQUID & VAPOR.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
0.87-0.92

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
SLIGHT

Appearance and Odor:
AMBER TO DARK BROWN LIQUID W/SOLVENT ODOR

Percent Volatiles by Volume:
80-92%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES 4

Stability Condition To Avoid:
TEMPS >0F, SUNLIGHT, ULTRAVIOLET LIGHT, HEAT, SPARKS, FLAME, OR OTHER SOURCES OF IGNITION

Materials To Avoid:
FREE RADICAL INITIATORS, BASES, AMINES, &STRONG OXIDIZERS &ACIDS

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

Hazardous Polymerization Indicator:
YES

Conditions To Avoid Polymerization:
CONTACT W/ACIDS/OXIDIZING AGENTS/FREE RADICAL INITIATORS/SUNLIGHT/ULTRAVIOLET LIGHT/BASES/AMINES/TEMPS >ROOM TEMP

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