

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-545/54579-44-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
54579-44-1
Code:
M
RTECS:

Code:
X
Name:
PHENOLIC RESIN
Other REC Limits:
NONE RECOMMENDED
OSHA PEL:
NOT ESTABLISHED
Code:
M
OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M
ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
DEPENDING ON THE NATURE AND CONCENTRATION OF THE AIRBORNE MATERIAL, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS OR SUPPLIED AIR EQUIPMENT.
Ventilation:
USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. ADDITIONAL VENTILATION MAY BE REQUIRED.
Protective Gloves:
IMPERVIOUS GLOVES.
Eye Protection:
CHEMICAL GOGGLES
Other Protective Equipment:
Equipment PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.
Work Hygienic Practices:
WASH WITH AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING.
Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
UNKNOWN
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
YES
Carcinogenicity Inds - NTP:
YES
IARC:
YES
OSHA:
NO
Health Hazards Acute And Chronic:
ACUTE: INGESTION- GASTROINTESTINAL IRRITATION. ASPIRATION OF MATERIAL INTO LUNGS MAY CAUSE CHEMICAL PHEUMONITIS WHICH CAN BE FATAL. INHALATION- NOSE & THROAT IRRITATION. HIGH CONC. CNS DEPRESSION. EYE S- SEVERE IRRITATION & CORNEAL DAMAGE. SKIN- SEVERE IRRITATION. CHRONIC: BLOOD AND NEUROLOGICAL DISORDERS.
Explanation Of Carcinogenicity:
THIS PRODUCT CONTAINS CHROMIUM.
Signs And Symptions Of Overexposure:
INGESTION- NAUSEA AND VOMITING. INHALATION- HEADACHES, DIZZINESS, NAUSEA AND CONFUSION. REPEATED OVEREXPOSURE MAY CAUSE NERVOUS SYSTEM DAMAGE. 5
Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.
First Aid:
EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE LIFTING EYELIDS. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATIO N AS REQUIRED. GET MEDICAL ATTENTION. INGESTION- DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.
Spill Release Procedures:
REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. STAY UPWIND AND AWAY FORM SPILL. NOTIFY APPROPRIATE STATE/LOCAL AGENCIES.
Neutralizing Agent:
N/R
Waste Disposal Methods:
DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions:
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINERS THIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS.
Other Precautions:
DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINER; EVEN EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:
SCC
Flash Point:

Flash Point Text:
54.0F,12.2C
Autoignition Temp:

Autoignition Temp Text:
N/A
Lower Limits:
0.9
Upper Limits:
10.9
Extinguishing Media:
CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG. 6
Fire Fighting Procedures:
WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:
THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

Physical/Chemical Properties

HCC:
F3
NRC/State LIC No:
N/R 7
Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
202-395F
Melt / Freeze Pt:

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

Decomp Text:
N/K
Vapor Pres:
N/K
Vapor Density:
> AIR
Volatile Org Content %:

Spec Gravity:
8.7 LB/GL
VOC Pounds/Gallon:

PH: N/K
VOC Grams/Liter:

Viscosity:
N/K
Evaporation Rate & Reference:
FASTER THAN BUTYL ACETATE
Solubility in Water:
NEGLEGIBLE
Appearance and Odor:
GREENISH COLOR, MILD AROMATIC SOLVENT ODOR.
Percent Volatiles by Volume:
50.5
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
HEAT, SPARKS AND OPEN FLAMES.
Materials To Avoid:
ALKALIES, AQUEOUS ACIDS, AMINES AND ACIDIC ALCOHOLS.
Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
NOT APPLICABLE

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