

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-258/25820-85-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
25820-85-3

Code:
M

RTECS:

Code:
X

Name:
PHENOLIC RESIN

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
N/E

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/E

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
RESPIRATORY PROTECTION ADVISED WHEN CONC EXCEED ESTABLISHED EXPOSURE LIMITS. DEPENDING ON THE AIRBORNE CONCENTRATION, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS (NIOSH APP ROVED IF AVAIL) OR SUPPLIED AIR EQUIP.

Ventilation:
USE ADEQUATE VENT TO MAINTAIN EXPOS LIMITS. WHERE EXPLOS MIXES MAY BE PRESENT, USE SYSTEMS SAFE FOR SUCH LOCATIONS.

Protective Gloves:
PLASTIC OR HYDROCARB INSOLUBLE GLOVES.

Eye Protection:
4 CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment:
Equipment EYE WASH FOUNTAIN. NEOPRENE APRON.

Work Hygienic Practices:
USE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health:
OXYGEN. INGESTION: SEEK EMERG MEDICAL AID. SLIGHTLY TOXIC BY INGESTION & AN ASPIRATION HAZARD. IF DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE W/HEAD DOWN. DO NOT GIVE ANYTHING BY MOUTH. IF VICTIM IS CON SCIOUS & ALERT, INDUCE VOMIT W/PEACAC SYRUP OR BY STICKING TWO FINGERS DOWN THROAT. DO NOT LEAVE VICTIM UNATTENDED.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
N/P

Health Hazards Acute And Chronic:
EYE: IRRITANT. SKIN: MAY CAUSE IRRITATION OR RASH. MAY BE ABSORBED THROUGH SKIN. INHALE: NOSE & THROAT IRRITATION & SIGNS OF NERVOUS DEPRESSION. MAY CAUSE LIVER & KIDNEY DAMAGE. INGESTION: IRRITATION OF THE DIGESTIVE TRACT & SIGNS OF NERVOUS DEPRESSION. MATERIAL CAN ENTER LUNG & CAUSE LUNG INFLAMMATION & DAMAGE.

Explanation Of Carcinogenicity:
TRACES OF FORMALDEHYDE HAVE BEEN IDENTIFIED BY IARC (GROUP 2B) & NTP AS A PROBABLE CARCINOGEN

Signs And Symptions Of Overexposure:
EYE: MAY CAUSE BURNING, TEARING, REDNESS & SWELLING. SKIN: REDNESS, BURNING & DRYING & CRACKING OF THE SKIN AND DERMATITIS. INHALATION: DROWSINESS, DIZZINESS, LOSS OF COORDINATION & FATIGUE. INGESTION : DROWSINESS, DIZZINESS, LOSS OF COORDINATION & FATIGUE.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL. RESPIRATORY SYSTEMS ASSOCIATED W/PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED W/EXPOSURE.

First Aid:
EYE: REMOVE TO FRESH AIR. IF IRRITATION OR REDNESS PERSISTS, SEEK MEDICAL ATTENTION. FLUSH W/CLEAN WATER-15 MIN. SKIN: REMOVE CONTAMINATED CLOTHING. CLEANSE AFFECTED AREA THOROUGHLY BY WASHING W/MILD SOAP & WATER. IF IRRITATION OR REDNESS DEVELOPS, SEEK MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL AID. IF NOT BREATHING, GIVE CPR. IF DIFFICULTY BREATHING, GIVE 3

Spill Release Procedures:
STAY UPWIND & AWAY FROM SPILL. KEEP IGNITE SOURCES & HOT METAL SURFACES FROM SPILL. IF SPILL IS INDOORS, VENT AREA. USE FOAM TO SUPPRESS VAPORS. KEEP FROM DRAINS, SEWERS, WATERWAYS. USE INERT MAT'L TO DAM & CONTAIN SPILL. DO NOT FLUSH AREAW/WATER.

Neutralizing Agent:
USE ABSORBENT PADS. NOTIFY APPROPRIATE AGENCIES.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL AGENCIES.

Handling And Storage Precautions:
KEEP CONTAINERS TIGHTLY CLOSED, COOL, DRY & AWAY FROM IGNITE SOURCES. USE/STORE W/ADEQUATE VENT. AVOID INHALATION OF VAPORS & PERSONAL CONTACT W/PROD.

Other Precautions:
DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND. MAY EXPLODE. COMPLETELY DRAIN, PROPERLY BUNGE & PROMPTLY SHIP EMPTY DRUMS TO DRUM RECONDITIONER. DISPOSE ALL CONTAINERS PER GOVERNMENT REGS. REFER TO OSHA REGS BEFORE USING CNTNRS.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
54.0F,12.2C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
0.9

Upper Limits:
11.2

Extinguishing Media:
CO2, FOAM, DRY CHEMICAL. SMALL FIRES: DRY CHEM, CO2 OR FOAM. LARGE FIRES: DRY CHEM OR FOAM. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:
SCBA RECOMMENDED FOR FIRE FIGHTERS. USE WATER SPRAY TO MINIMIZE VAPORS & COOL CONTAINERS BUT USE CAUTION TO PREVENT SPREADING OF BURNING LIQ BY COOLING WATER.

Unusual Fire/Explosion Hazard:
THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:
N/K

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
240 TO 300F

Melt / Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
3.2

Volatile Org Content %:

Spec Gravity:
0.97

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
0.24

Solubility in Water:
NEGLIGIBLE

Appearance and Odor:
DARK AMBER LIQUID, AROMATIC ODOR.

Percent Volatiles by Volume:
37-47

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURE STORAGE.

Materials To Avoid:
THIS MATERIAL IS INCOMPATIBLE WITH STRONG ACIDS OR BASES, OXIDIZING AGENTS, SELECTED AMINES, ALKALI METALS & HALOGENS.

Hazardous Decomposition Products:
THERMAL DECOMP MAY YIELD CARBON MONOXIDE AND/OR CO2 AS WELL AS OXIDES OF NITROGEN, PHENOL, FORMALDEHYDE & AMMONIA.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/A

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