

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9003-53-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9003-53-6
Code:
M

RTECS:

Code:
X

Name:
POLYSTYRENE

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:
USE NIOSH APPROVED RESPIRATOR SUITABLE FOR ORGANIC VAPORS, OR SELF CONTAINED BREATHING APPARATUS WHEN WELDING IN CONFINED SPACES OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV. SELECT PER OSHA 29 CFR 1910.134

Ventilation:
LOCAL EXHAUST PREFERRED

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment APRON, SLEEVES OF IMPERVIOUS MATERIAL, EYEWASH STATION.

Work Hygienic Practices:
DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH THIS PRODUCT.

Supplemental Safety and Health:
THIS IS PART B OF TWO-PART A/B KIT, SAME NSN. 4

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE-EYE/SKIN AND RESPIRATORY IRRITATION. CARBON BLACK IS A POTENTIAL CANCER HAZARD CAUSING STOMACH AND SKIN CANCER BY THE DIETARY ROUTE OF EXPOSURE IN LAB ANIMAL STUDIES. EXPOSURE UNDER NORMAL USE I S CONSIDERED VERY REMOTE.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
EYE: IRRITATION, REDNESS. SKIN:IRRITATION, POSSIBLE SENSITIZATION. INHALATION:DIFFICULTY IN BREATHING, WHEEZING, TIGHNESS OF CHEST, RESPIRATORY FAILURE. INGEST:VOMITING, NAUSEA, ABDOMINAL TENDERNESS, BLOOD IN VOMITOUS AND FECES.

Medical Cond Aggravated By Exposure:
ANY PRE-EXISTING ALLERGY OR SENSITIVITY.

First Aid:
INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIS T. INGESTION:DO NOT INDUCE VOMITTING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

Spill Release Procedures:
OBSERVE ALL PRECAUTIONS LISTED. COLLECT SPILL WITH ABSORBENT , PLACE IN CONTAINERS WITH LID.

Neutralizing Agent:
N/P

Waste Disposal Methods:
LANDFILL ABSORBENT MATERIAL OR INCINERATE IN ACCORDANCE WITH ALL LOCAL, FEDERAL AND STATE LAWS & REGS.

Handling And Storage Precautions:
3 USE IN WELL VENTILATED AREA FOR MIXING, CURING, POURING. VENTILATE COOL-DOWN AREAS.

Other Precautions:
USE IN A WELL VENTILATED AREA. DO NOT INHALE DUST OR VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
>450F/>232C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/A

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.44

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
BROWN VISCOUS LIQUID, AMINE ODOR.

Percent Volatiles by Volume:
00

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
NONE

Hazardous Decomposition Products:
OXIDES OF CARBON &NITROGEN.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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