

# 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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 IS CONSIDERED VERY REMOTE.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

EYE: IRRITATION, REDNESS. SKIN:IRRITATION, POSSIBLE SENSITIZATION. INHALATION:DIFFICULTY IN BREATHING, WHEEZING, TIGHTNESS 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 PERSIST. INGESTION:DO NOT INDUCE VOMITING, 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

**NPC/State LC No:**

N/A

**Net Prop WT For Ammo:****Boiling Point:**

N/R

**Melt/Freeze Pt:**

N/K

**Decomp Temp:****Decomp Text:**

N/K

**Vapor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:**

N/R

**Spec Gravity:**

1.44

**VOC Pounds/Gallon:****pH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

N/R

**Solubility in Water:**

INSOLUBLE

**Appearance and Odor:**

BROWN VISCOS 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

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