

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9003-17-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

9003-17-2

**Code:**

M

**RTECS:****Code:**

X

**Name:**

STYRENE-BUTADIENE COPOLYMER

**Other REC Limits:**

NONE SPECIFIED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF AIRBORNE FIBER CONCENTRATIONS EXCEED THE PEL, USE NIOSH APPROVED HEPA DUST RESPIRATOR OR FOLLOW RECOMMENDATIONS IN TABLE I OF ASBESTOS STANDARD.

**Ventilation:**

MECHANICAL REQUIRED IF AIRBORNE LEVELS EXCEED PEL.

**Protective Gloves:**

RECOMMENDED FOR SENSITIVE SKIN.

**Eye Protection:**

NOT NORMALLY REQUIRED.

**Other Protective Equipment:**

Equipment NOT NORMALLY REQUIRED.

**Work Hygienic Practices:**

EXPOSURE TO ANY INHALABLE MATERIAL SHOULD BE MINIMIZED BY ADEQUATE, EFFECTIVE CONTAINMENT AND PERSONAL CLEANLINESS.

**Supplemental Safety and Health:**

WHEN COMBINED WITH SMOKING, THE RISK OF ASBESTOS RELATED DISEASES INCREASES UP TO 25 TIMES.

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

YES

**Health Hazards Acute And Chronic:**

HEALTH HAZARDS RESULT FROM THE RELEASE OF ASBESTOS FIBERS FROM THE MATRIX. INHALATION OF FREE ASBESTOS FIBERS MAY RESULT IN CHRONIC CONDITIONS LIKE PLEURAL PLAQUE, ASBESTOSIS, LUNG CANCER, MESOTHELIOMA. INGESTION OF ASBESTOS IS WEAKLY LINKED TO GASTROINTESTINAL CANCER. RESIDUES FROM RUBBER CURING MAY CAUSE DERMATITIS.

**Explanation Of Carcinogenicity:**

ASBESTOS IS REGULATED AS A HUMAN CARCINOGEN. HEALTH HAZARD EXISTS WHEN FIBERS ARE RELEASED FROM RUBBER MATRIX.

**Signs And Symptoms Of Overexposure:**

DIFFICULTY BREATHING, CHEST PAIN, COUGHING, FINGER CLUBBING, UPPER RESPIRATORY TRACT IRRITATION, CONTACT DERMATITIS.

**Medical Cond Aggravated By Exposure:**

CHRONIC BRONCHITIS, ASTHMA MAY BE AGGRAVATED BY EXPOSURE TO ASBESTOS FIBERS.

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN CONTACT: FREQUENT WASHING WITH WATER WILL MINIMIZE IRRITATION AND DETER TRANSIENT CHEMICAL OR MECHANICAL DERMATITIS. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN IF DISCOMFORT OCCURS. INGESTION: INDUCE VOMITING. SEEK MEDICAL ATTENTION.

**Spill Release Procedures:**

4 TREAT DUST AS FREE ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

APPROVED LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES.

**Handling And Storage Precautions:**

IN NORMAL HANDLING OF SHEET AND CUT GASKETS, NO SIGNIFICANT RELEASE OF ASBESTOS OCCURS. WHERE DUST PRODUCING ACTIVITIES LIKE (SEE OTHER PRECAUTIONS)

**Other Precautions:**

WIRE BRUSHING DURING GASKET REMOVAL, DRILLING, GRINDING, SAWING OR SANDING OCCUR, LOCAL VENTILATION, RESPIRATORS, HEPA VACUUMS AND/OR WET METHODS MUST BE USED TO ENSURE THAT RELEASED FIBERS ARE CONTROLLED.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

DOES NOT FLASH

**Autoignition Temp:****Autoignition Temp Text:**

NONE

**Lower Limits:**

NONFLAMMABLE

**Upper Limits:**

NONFLAMMABLE

**Extinguishing Media:**

WATER, CARBON DIOXIDE, DRY POWDER OR FOAM. USE EXTINGUISHING AGENTS APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**

FIREFIGHTERS SHOULD WEAR SCBA FOR PROTECTION AGAINST TOXIC DECOMPOSITION PRODUCTS.

**Unusual Fire/Explosion Hazard:**

WHEN GROUND, CLOUDS OF RUBBER PARTICLES FINER THAN 340 UM MAY PRODUCE A WEAK EXPLOSION.

## Physical/Chemical Properties

**HCC:**

T7

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

YES

**Boiling Point:**

NO

**B.P. Text:**

UNKNOWN

**Melt/Freeze Pt:**

Melt/Freeze Pt:

**Decomp Temp:**

UNKNOWN

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

UNKNOWN

**Vapor Density:**

UNKNOWN

**Volatile Org Content %:**

YES

**Spec Gravity:**

1.75-1.95G/CC

**VOC Pounds/Gallon:**

YES

**PH:**

PH: N/K

**VOC Grams/Liter:**

VOC Grams/Liter:

**Viscosity:**

N/R

**Evaporation Rate & Reference:**

UNKNOWN

**Solubility in Water:**

INSOLUBLE

**Appearance and Odor:**

COMPOSITE MATERIAL. BLACK WHITE SHEETS OF VARYING THICKNESS, SLIGHT SOLVENT O

**Percent Volatiles by Volume:**

0 %

**Corrosion Rate:**

UNKNOWN

**Autoignition Temp:**

UNKNOWN

**Lower Limits:**

NONFLAMMABLE

**Upper Limits:**

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