

# SMACO RUBBER ADHESIVE

## MATERIAL SAFETY DATA SHEET

### Manufacturer

Sivon Manufacturing Co. Inc.

3131Perry Park Rd.

Perry, OH 44081

Telephone Number for Information 440-259-5505

Emergency Phone Number 1-440-231-0942

### PRODUCT NAME

EPDM ADHESIVE 902

UN1133 Adhesive

UN1294 Toluene

CAS Number 108-88-3

Date Prepared 12/08/10 ck

### SECTION 1 MATERIAL IDENTIFICATION AND INFORMATION

Components-Chemical name and Common Name	%	OSHA PEL
Toluene	79	100ppm
Non-Hazardous ingredients compounded elastomer	21	
TOTAL	100	

### SECTION 2 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point 231 F (110.5C)

Vapor Pressure mmHg & Temperature N/A

Solubility in water Insoluble

Specific Gravity (H2O=1) 0.87 Melting Point N/A

Water Reactive none

Appearance and Odor Adhesives are from black to white viscous liquids,

Aromatic Order

### SECTION 3 FIRE AND EXPLOSION HAZARD DATA

Flash point 45 deg F

Flammable limits in air, % by Volume LEL 1.2 UEL 7.1

### SECTION 3 CONTINUED

Extinguishing Media Use dry chemicals, carbon dioxide, or inert gas (nitrogen). Carbon dioxide and inert gas can displace oxygen. Product will float and can be ignited on surface of water.

### SECTION 4 REACTIVITY HAZARD DATA

Stability Stable

Conditions to avoid Avoid Heat, sparks, Flames. Keep away from strong oxidizing conditions and agents.

Incompatibility (Materials to avoid) Strong acids, alkali's, and oxidizers such as liquid chlorine, other halogens, hydrogen peroxide and oxygen.

Hazardous Decomposition Products. No additional hazardous decomposition products are identified other than aldehydes and other products of incomplete combustion.

Hazardous Polymerization Will not occur.

### SECTION 5 HEALTH HAZARD DATA

Primary Routes of Entry. Inhalation, Skin contact, Ingestion-Poisonous if swallowed. Do not induce vomiting. If vomiting occurs, keep head below hips.

Health Hazards: Signs and Symptoms of Acute Exposure

Inhalation: Breathing high concentrations may be harmful. Vapor can irritate the throat and lungs

Breathing extremely high levels of material may cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness or unconsciousness. Breathing high concentrations in a small-enclosed space or by intentional abuse can cause irregular heartbeats which can cause death.

Skin Contact. May cause injury Breathing extremely high levels of material may cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness or unconsciousness. Breathing high concentrations in a small-enclosed space or by intentional abuse can cause irregular heartbeats which can cause death.

Skin Contact. May cause mild irritation. Prolonged or repeated liquid contact can result in defatting and drying of skin which may result in skin irritation and dermatitis. Wash skin after contact. Remove contaminated clothing and shoes if involved.

Eye Contact. May cause injury which may persist for several days. Check of contacts and remove, Flush eyes for at least 15 minutes with water, while holding eyelids apart.

CONTACT A PHYSICIAN IMMEDIATELY IF INGESTED OR THERE IS EYE INVOLVMENT

## **SECTION 6 CONTROL AND PROTECTIVE MEASURES**

Respiratory Protection. Full Face NIOSH-approved self-contained breathing apparatus

Eye Chemical Safety Goggles

Gloves Neoprene or Nitrile gloves

Other for operations where spills or splashing can occur, a safety shower and eye bath should be available.

Ventilation: Use a local exhaust system recommended when used in high concentration.

Warning. Use of material in spaces without adequate ventilation may result in generation of hazardous levels of combustion products and/or inadequate oxygen levels for breathing. Odor is an inadequate warning for hazardous conditions.

## **SECTION 7 CONTROL AND PROTECTIVE MEASURES**

Steps to be taken if material is spilled and released.

For small spills, wipe immediately and dispose of rags in a fireproof container.

Eliminate all ignition sources. Do not walk through spilled material. Absorb or cover with dry earth, sand or other non-combustible material such as Oil Dr. Transfer to appropriate waste containers.

Do not cut, drill, grind, weld or perform similar operations on empty containers. Store cans sealed and in a cool or refrigerated area. Keep away from sparks and flames. Do not store or expose to temperature above 49 degrees C or 120 degrees F

NFPA

Rating Health 2 Flammability 3 Reactivity 0

This Material Safety Data Sheet relates only to the specific material designated and does not relate to use in combination with any other material or in any process.

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