

## **S-89 ADHESIVE**

### **MSDS Number**

BBBDP

### **National Stock Number**

8040-00B010053

### **Product Name**

S-89 ADHESIVE

### **Manufacturer**

ARMSTRONG WORLD INDUSTRIES INC

### **Product Identification**

Product ID:S-89 ADHESIVE

MSDS Date:06/24/1986

FSC:8040

NIIN:00B010053

MSDS Number: BBBDP

### **Responsible Party**

ARMSTRONG WORLD INDUSTRIES,INC.

LIBERTY & CHARLOTTE STREETS

LANCASTER , PA 17604

US

Info Phone: 717396-2729 OR 396-2935

Cage: 03938

### **Contractor**

ARMSTRONG WORLD INDUSTRIES, INC.

3209

LANCASTER, PA 17604

US

717-396-2328; 717-396-2935

Cage: 03938

### **Ingredients**

ASPHALT (PETROLEUM)

CAS: 8052-42-4

RTECS: CI9900000

Fraction By Weight: 72%

ACGIH TLV: 5 MG/M3; (FUME);9192

POLYOLEFIN FIBER

Fraction By Weight: 1%

VM&P NAPHTHA

CAS: 8032-32-4

RTECS: OI6180000

Fraction By Weight: 27%

OSHA PEL500 PPM

ACGIH TLV: 300 PPM

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Effects of Overexposure:INHALATION:IRRITATION OF RESPIRATORY TRACT,COUGHING,HEADACHE,DIZZINESS,DROWSINESS,NAUSEA,UNCOORDINATED MOVEMENTS.SKIN & EYES:EXCESSIVE SKIN CONTACT MAY CAUSE DRYING AND CRACKING OF THE SKIN,AND RESULT IN DERMATITIS.CONTACT WITH EYES WILL CAUSE IRRITATION AND DEFATTING OF TISSUE.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR IF EXPOSED TO EXCESS CONCENTRATIONS OF VAPOR.SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN & EYES:FLUSH ANY SKIN OR EYE CONTACT WITH PLENTY OF WATER.ADDITIONALLY WITH SKIN CONTACT,WASH WITH SOAP AND WATER.CONTACT PHYSICIAN IF IRRITATION OR SYMPTOMS PERSIST.INGESTION:DO NOT INDUCE VOMITING.CALL POISON CONTROL CENTER.GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point:52 DEG F  
Lower Limits:1.0  
Upper Limits:7.0  
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,HALON  
Fire Fighting Procedures:PROTECT FIRE FIGHTERS FROM TOXIC PRODUCTS OF COMBUSTION BY WEARING SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS IN A FIRE MAY RUPTURE DUE TO PRESSURE BUILD-UP;USE WATER TO COOL CONTAINERS TO PREVENT THIS.

## Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION.VENTILATE AREA OF SPILL OR LEAK;IF USING MECHANICAL VENTILATION,MAKE SURE THAT IT IS EXPLOSION-PROOF OR DOES NOT PRESENT AN IGNITION SOURCE.FOR EXPOSURE ABOVE TLV,WEAR A PROVED RESPIRATORY EQUIPMENT.

## Handling

Handling and Storage Precautions:STORE IN AREA SUITABLE FOR FLAMMABLE MIXTURES.RECOMMENDED STORAGE TEMPERATURE IS BELOW 90 DEG F.  
Other Precautions:VAPORS ARE FLAMMABLE AND ARE HEAVIER-TAHN-AIR.PROHIBIT SMOKING AND ELIMINATE ALL OTHER SOURCES OF IGNITION,SUCH AS REGULAR ELECTRICAL TOOLS AND APPLIANCES,MAKING SURE THAT PILOTS ON GAS-FIRED WATER HEATERS ARE EXTINGUISHED.

## Exposure Controls

Respiratory Protection:IF ADEQUATE VENTILATION IS NOT AFFORDED,WEAR RESPIRATORY EQUIPMENT APPROVED FOR ORGANIC VAPORS.  
Ventilation:USE NATURAL CROSS-VENTILATION,LOCAL AND OR GENERAL VENTILATION TO PREVENT ACCUMULATION OF SOLVENT VAPORS.  
Protective Gloves:IMPERVIOUS GLOVES OR LOOP-PILE GLOVES  
Eye Protection:SPECTACLE-TYPE SAFETY GLASSES  
Other Protective Equipment:EYE WASH FACILITY  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:212-320  
Vapor Pres:10.45  
Vapor Density:3.0  
Spec Gravity:0.92  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BLACK ASPHALT MASTIC WITH HYDROCARBON SOLVENT ODOR.  
Percent Volatiles by Volume:27

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND  
OTHER TOXIC VAPORS AND GASES THAT ARE COMMON TO THERMAL  
DEGRADATION.

## **Disposal**

Waste Disposal Methods: INCINERATION OR OTHER METHOD APPROVED FOR  
IGNITIBLE WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.