

ARMSTRONG WORLD INDUSTRIES INC -- 5-90 ADHESIVE -- 8040-00-266-7425

===== Product Identification =====

Product ID:5-90 ADHESIVE

MSDS Date:07/01/1991

FSC:8040

NIIN:00-266-7425

MSDS Number: BQYCN

=== Responsible Party ===

Company Name:ARMSTRONG WORLD INDUSTRIES INC

Address:313 W. LIBERTY

Box:3001

City:LANCASTER

State:PA

ZIP:17604

Country:US

Info Phone Num:717-396-2328/396-2935

Emergency Phone Num:7

17-396-2328/396-2935

CAGE:03938

=== Contractor Identification ===

Company Name:ARMSTRONG WORLD INDUSTRIES, INC.

Address:313 W. LIBERTY ST.

Box:3209

City:LANCASTER

State:PA

ZIP:17604

Country:US

Phone:717-396-2328; 717-396-2935

CAGE:03938

===== Composition/Information on Ingredients =====

Ingred Name:VM&P NAPHTHA

CAS:8032-32-4

RTECS #:OI6180000

Fraction by Wt: 25-34%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:PETROLEUM GRADE ASPHALT

CAS:805

2-42-4  
RTECS #:CI9900000  
Fraction by Wt: 64-73%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:5 MG/M3 (FUME)

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN, EYES, RESPIRATORY TRACT.  
Effects of Overexposure:SKIN: EXCESSIVE CONTACT MAY CAUSE DRYING AND  
CRACKING, DEFATTING OF TISSUE, AND RESULT IN DERMATITIS. EYES:  
IRRITATION.  
INHALATION: IRRITATION OF RESPIRATORY TRACT, COUGHING,  
HEADACHE, DIZZINESS, DROW SINESS, NAUSEA, UNCO-ORDINATED MOVEMENTS.  
Medical Cond Aggravated by Exposure:ANY CONDITION GENERALLY AGGRAVATED  
BY SOLVENTS, INCLUDING PRE-EXISTING UPPER RESPIRATORY AND LUNG  
DISEASE SUCH AS, BUT NOT LIMITED TO BRONCHITIS, EMPHYSEMA, AND  
ASTHMA.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER 15 MINUTES AND GET IMMEDIATE MEDICAL  
ATTENTION.  
SKIN: WASH WITH SOAP AND WATER. REFER TO PHYSICIAN IF  
IRRITATION OR SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR IF  
EXPOSED TO EXCESS CONCENTRATIONS OF VAPOR. SEEKMEDICAL ATTENTION  
IF SYMPTOMS PERSIST. INGESTION: DO NOT INDUCE VOMITING. CALL POISON  
CONTROL CENTER. GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:SCC  
Flash Point:56.0F,13.3C  
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.

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===== Accidental Release Measures =====

Spill Release Procedures:RMV ALL IGNIT SRCS-VENT AREA OF SPILL/LEAK.  
MECH VENT: MAKE SURE IT IS EXPLOS-PROOF/DOES

NOT PRESENT IGNIT

SOURCE. FOR EXPOS ABOVE TLV, WEAR RESP EQUIP. CONTAIN SPILL,  
PREVENT IT FROM ENTERING SEWER LINES/WATERWAYS. USE ABSORB TO  
ASSIST W/MATL PICKUP

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Handling and Storage  
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Handling and Storage Precautions:STORE IN AREA SUITABLE FOR FLAMMABLE  
MIXTURES. RECOMMENDED STORAGE TEMPERATURE IS BELOW 90F.

Other Precautions:VAPORS ARE FLAMMABLE AND ARE HEAVIER THAN 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.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WITH ADEQUATE VENTILATION, RESPIRATORY EQUIPMENT  
SHOULD NOT BE NEEDED. IF ADEQUATE VENTILATION IS NOT AFFORDED, WEAR  
RESPIRATORY EQUIPMENT APPROVED FOR ORGANIC VAPORS.

Ventilation:USE NATURAL CROSS-VENT, LOCAL (MECH) PICK-UP, GEN AREA  
(MECH) VENT TO PREVENT ACCUM  
OF SOLVENT VAPORS CONC BELOW TLV.

Protective Gloves:COTTON OR LOOP PILE GLOVES.

Eye Protection:SPECTACLE-TYPE SAFETY GLASSES.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:F2

Boiling Pt:B.P. Text:212 TO 320F

Vapor Pres:10.45 @20C

Spec Gravity:0.92

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK ASPHALT MASTIC WITH HYDROCARBON SOLVENT ODOR.

Percent Volatiles by Volume:27%

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OTHER  
TOXIC VAPORS/GASES THAT ARE COMMON TO THERMAL DEGRADATION OF  
ORGANIC COMPOUNDS.

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

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ion by the compiling agencies):

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