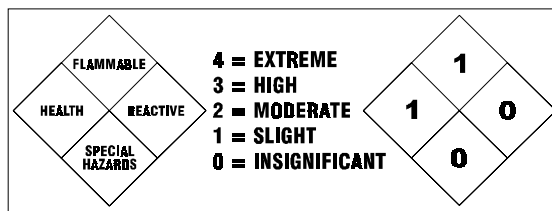


Material Safety Data Sheet



PS200HT ICE AND WATER ARMOR
MS300 ICE AND WATER ARMOR
SS400 ICE AND WATER ARMOR



Manufacturer:
 TARCO SPECIALTY PRODUCTS, INC.
 ONE INFORMATION WAY, STE.225, LITTLE ROCK, AR 72202
Phone Number: (For Information): 501-945-4506
Emergency Phone Number: 254-939-3775

Identity: Trade name as used on label
MSDS Number: 0102
CAS Number: NONE
Date Prepared: 8-31-01, Revised 12-2-08
Prepared By: Shaik Mohseen

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

	Cas Reg. #	%	OSHA TWA	ACGIH TWA	FORM
Petroleum Asphalt Flux	8052-42-4	<60	5mg/m ³	5mg/m ³	Fume
Styrene Butadiene Block Co-Polymer	9003-55-8	<15	NA	NA	NA
Limestone	1317-65-3	<30	15mg/m ³	10mg/m ³	Respirable Particulate
Sand	14808-60-7	<20	.1mg/m ³	.05mg/m ³	Respirable Particulate
Slag Granules	68476-96-0	<40	5mg/m ³	3mg/m ³	Respirable Particulate
Fiberglass	65997-17-3	<5	5mg/m ³	10mg/m ³	Respirable Particulate

NA=Not Applicable

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	> 650°F	Specific Gravity (H2O = 1)	>1
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	>200°F
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	INSOLUBLE	Water Reactive	N/A

Odor and Appearance

NEGLIGIBLE AMOUNT OF ASPHALTIC ODOR ASSOCIATED WITH ALL LEAKBARRIER PRODUCTS
 MS 300 ICE AND WATER ARMOR: BLACK MEMBRANE ROLL WITH MINERAL AND POLYETHYLENE FILM SURFACES
 PS 200 ICE AND WATER ARMOR: BLACK MEMBRANE ROLL WITH POLYETHYLENE FILM SURFACES
 SS 100 ICE AND WATER ARMOR: BLACK MEMBRANE ROLL WITH SAND AND POLYETHYLENE FILM SURFACES

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	Auto-Ignition Temperature	Flammability Limits in Air % by Volume	LEL	UEL
>500F, COC	>750°F	N/A	N/A	N/A

Extinguisher Media: FOAM, CO2, DRY CHEMICAL, HALON – AVOID USE OF STRAIGHT STREAM WATER

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

Unusual Fire and Explosion Hazards: WHEN HEATED, FUMES MAY BURN IF AN IGNITION SOURCE IS PROVIDED. FUMES MAY EXPLODE IF EMITTED IN AN ENCLOSED ENVIRONMENT WITH AN IGNITION SOURCE.

SECTION 4 – REACTIVITY HAZARD DATA

STABILITY: ✓ Stable Conditions To Avoid:
Unstable N/A

Incompatibility (Materials to Avoid): STRONG ACIDS OR BASES, OXIDIZING AGENTS

Hazardous Decomposition Products: CO, CO₂, OZONE, HYDROGEN SULFIDE, OXIDES OF SULFUR AND VARIOUS HYDROCARBON

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 5 – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

Inhalation Skin Absorption ✓ Ingestion ✓

CARCINOGEN LISTED IN:

NTP IARC Monograph OSHA ✓ Not Listed

HEALTH HAZARDS: *Acute* MECHANICAL IRRITATION

Chronic DUE TO PRODUCT FORM AND RECOMMENDED USE, EXPOSURES TO DUSTS OR FUMES ARE NOT EXPECTED

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

EMERGENCY FIRST AID PROCEDURES: SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY.

Eye Contact: IF PARTICLES ENTER THE EYE, IT WILL CAUSE IRRITATION POSSIBLY RESULTING IN SCRATCHING OF THE EYE, STINGING, REDNESS OR SWELLING.

Skin Contact: PRIMARY ROUTE OF EXPOSURE IS SKIN CONTACT. REPEATED CONTACT MAY CAUSE TEARING OF SKIN, REDNESS, DRYING OR CRACKING.

Inhalation: IF PRODUCT IS HEATED, EXPOSURE TO FUMES, VAPORS OR MISTS MAY CAUSE IRRITATION OF THE NOSE AND THROAT. USE OF PRODUCT IN WELL-VENTILATED WORKING AREAS IS NOT EXPECTED TO CAUSE ADVERSE EFFECTS.

Ingestion: TYPICALLY ASPHALT PRODUCTS HAVE LOW TOXICITY WHEN SWALLOWED. IF SWALLOWED THIS PRODUCT MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT FOLLOWED BY VOMITING. SHOULD VOMITING OCCUR, SMALL AMOUNTS OF MATERIAL CAN BE ASPIRATED INTO THE LUNG.

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): IF IRRITATION OCCURS, USE 3M-9900 OR 3m-8710 OR EQUIVALENT

Protective Gloves: RECOMMENDED TO PREVENT ABRASION OR SKIN IRRITATION

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS

VENTILATION TO BE USED:

✓ Local Exhaust AMBIENT Mechanical (General) N/A
Special N/A ✓ Other (Specify) MECHANICAL IN CONFINED SPACES IF MATERIAL IS HEATED

Other Protective Clothing and Equipment: N/A

Hygienic Work Practices: WASH HANDS AFTER APPLICATION

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be Taken if Material is Spilled or Released: PICK UP PIECES AND DISPOSE PROPERLY. AVOID DRY SWEEPING OR BLOWING WITH AIR IN CONFINED SPACES.

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

Precautions to be Taken in Handling and Storage: STORE AWAY FROM HEAT AND ALL IGNITION SOURCES AND OPEN FLAMES.

Other Precautions and/or Special Hazards: N/A