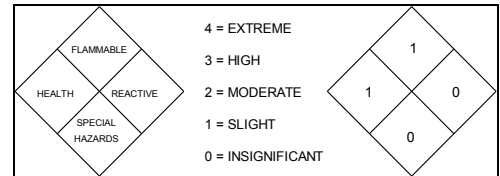




MATERIAL SAFETY DATA SHEET

LeakBarrier™ Products

MS300 Ice & Water Armor
SS400 Ice & Water Armor



Manufacturer	TARCO SPECIALTY PRODUCTS, INC.
Address	One Information Way Suite 225 Little Rock, AR 72202
Phone No.	501-945-4506
Emergency Contact	800-424-9300 Chemtrec

ROLL ROOFING	
Identity:	MS300, SS400
MSDS Number:	0133
CAS Number:	NONE
Date Prepared:	05-05-2010
Prepared By:	S. MOHSEEN

SECTION 1 MATERIAL IDENTIFICATION AND INFORMATION

INGREDIENTS	CAS	%	OSHA TWA	ACGIH TWA	FORM
Petroleum Asphalt	8052-42-4	<65	5 mg/m ³	5 mg/m ³	Fume
Styrene-butadiene-styrene Copolymer	9003-55-8	<15	NE	NE	
Petroleum hydrocarbon Resin	68527-25-3	<10	NE	NE	
Mineral Oil	64741-96-4	<10	5 mg/m ³	5 mg/m ³	
Calcium Carbonate	1317-65-3	<40	15 mg/m ³	10 mg/m ³	Respirable Particulate
Polyethylene	9002-88-4	<5	15 mg/m ³	10 mg/m ³	
Sand	14808-60-7	<20	.1mg/m ³	.05mg/m ³	Respirable Particulate
Slag Granules	68476-96-0	<40	5 mg/m ³	3 mg/m ³	Respirable Particulate
Continuous Glass Filament Mat	NE	<5	NE	NE	

NE=Not Established

SECTION 2 PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance	BLACK COLOR ROLL	Odor	MILD PETROLEUM ODOR
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

SECTION 3 FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	>500F, COC	Auto-Ignition Temperature	>750°F	Flammability Limits in Air % by Volume	N/A	LEL	N/A	UEL	N/A
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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 <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid - N/A
Incompatibility (Materials to Avoid) - STRONG ACIDS OR BASES, OXIDIZING AGENTS		
Hazardous Decomposition Products - CO, CO ₂ , OZONE, HYDROGEN SULFIDE, OXIDES OF SULFUR AND VARIOUS HYDROCARBON		
Hazardous Polymerization - WILL NOT OCCUR		

SECTION 5 HEALTH HAZARD DATA

Primary Routes of Entry: <input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>		Carcinogen Listed In: <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
Health	Acute - MECHANICAL IRRITATION	
Hazards	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 STRATCHING 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 APSHALT 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 W/ SIDE SHIELDS
Ventilation to be Used	<input checked="" type="checkbox"/> Local Exhaust - AMBIENT	<input type="checkbox"/> Mechanical (General) N/A
	<input type="checkbox"/> Special - N/A	<input checked="" type="checkbox"/> 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

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