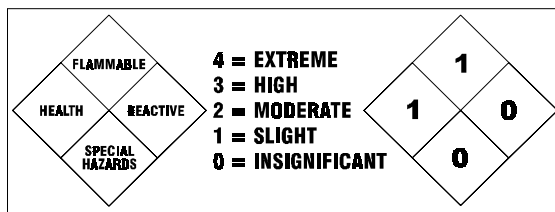


Material Safety Data Sheet



QUICK ROLL SHINGLE STARTER



Manufacturer:

TARCO SPECIALTY PRODUCTS, INC.
 One Information Way, Suite 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: 0105
CAS Number: NONE
Date Prepared: 8-31-01, Revised 2-8-02
Prepared By: D. RAINS

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

	Cas Reg. #	%	OSHA TWA	ACGIH TWA	FORM
Petroleum Asphalt Flux	8052-42-4	<40	5mg/m ³	5mg/m ³	Fume
Limestone	1317-65-3	<40	15mg/m ³	10mg/m ³	Respirable Particulate
Sand	14808-60-7	<15	.1mg/m ³	.05mg/m ³	Respirable Particulate
Granules	NE	<50	NE	NE	
Fiberglass	65997-17-3	<5	5mg/m ³	10mg/m ³	Respirable Particulate

NE=Not Established

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 QUICK ROLL SHINGLE STARTER: SMALL BLACK MEMBRANE ROLL WITH GRANULE AND SAND 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