



## MATERIAL SAFETY DATA SHEET

**Manufacturer:** S.T.A.R., INC.  
 1150 Milepost Dr.  
 Columbus, Ohio 43228

**Emergency Phone No. CHEM-TEL 800-255-3924**  
 Information Phone No. 614-870-0744  
 Effective Date 5/13/03  
 Supersedes Date

### SECTION I - IDENTIFICATION

**Product Name:** ELASTO-BOND H.S., *PREMIUM QUALITY- DIRECT FIRE GRADE*, Polymer and Rubber Modified  
 Hot Pour Crack Filler

**Chemical Family** - Asphalt Based crack filler  
**Chemical Name** - Proprietary  
**Prepared by** - G.C. Dubey

H.M.I.S  
 Health = 1  
 Fire = 1  
 Reactivity = 0

### SECTION II – INGREDIENTS & HAZARDS

Ingredients	WT%	Exposure Limits	
		OSHA	
		<u>PEL</u>	<u>TWA</u>
<b>PETROLEUM ASPHALT</b>	50-55	15 mg/m3 (total)	5 mg/m3
The dried film of this product may create dust when removed by sanding or grinding.		5 mg/m3 (Respirable)	
		ACGIH	
		<u>TLV</u>	<u>TWA</u>
		5 mg/m3 (total)	
<b>PETROLEUM OIL</b>	5-10	<u>TWA</u>	<u>TLV</u> <u>STEL</u>
		5 mg/m3	5 mg/m3    10 mg/m3
		(Mineral oil mist for all of above)	
		OSHA	
		<u>PEL</u>	<u>TWA</u>
<b>LIMESTONE</b>	20-25	15 mg/m3 (total)	5 mg/m3 10 mg/m3
		5 mg/m3 (Respirable)	
		ACGIH	
		<u>TLV</u>	<u>TWA</u>
<b>CARBON BLACK</b>	1-5	3.5 mg/m3	3.5 mg/m3

SECTION III - PHYSICAL DATA

<u>Boiling Point</u>	<u>Vapor Pressure</u> (mm Hg)	<u>Vapor Density</u> (Air=1)	<u>Appearance</u>
Over 750 °F	approx. 25	>1.0	Black solid cube with asphalt odor.
<u>Evaporation Rate</u> (Water=1)	<u>Specific Gravity</u> by wt.	<u>% Volatile</u>	<u>Freezing Point</u>
<1	1.1	90-95	Not applicable
<u>Miscibility With Water</u> Coefficient	<u>Threshold Odor</u> ppm	<u>pH</u>	<u>Water/Oil Distribution</u>
None	N/A	N/A	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Flammability Classification</u>	<u>Flash Point</u> (method used)	<u>Flammable Limits</u>	
		LEL	UEL
HMIS Rating- 1	450 F /PMCC	N/A	N/A

Extinguishing Media

Water fog, Foam, Dry Chemicals & CO2.

**Unusual Fire and Explosion Hazards:** None recognized.

**Special Fire Fighting Procedures:** Clear fire area of unprotected personnel. Do not enter confined area without helmet, face shield, bunker coat, gloves, rubber boots, and a self-contained breathing apparatus (SCUBA)

SECTION V- REACTIVITY DATA

<u>Stability</u>	<u>Incompatibility (materials to avoid)</u>
Stable	Strong oxidizing agents and strong acids.

**Hazardous Polymerization-** Will not occur.  
**Hazardous Decomposition Products-** Oxides and compounds of Nitrogen and Sulfur, carbon monoxide, carbon dioxide, incomplete combustion products. Wear appropriate protective equipment

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