

Material Safety Data Sheet
Date Prepared: 03 March 2009

I. PRODUCT/COMPANY:**Product Name:** SS-1h**Empirical Formula:** NA**CA Name or****CAS Number:** NA**General Identification:**Asphalt/water/emulsion,
Type SS-1h (ASTM D-2397)**Synonyms/Trade Names:** None**Chemical Family:** Asphalt Emulsion**Transportation Emergency Phone:**

Chemtrec: 1-800-424-9300

Manufacturer:Tri-State Asphalt
1362 Bungalow Rd.
Morris, Illinois 60450
815-942-0080**Supplier:**Tri-State Asphalt
1362 Bungalow Rd.
Morris, Illinois 60450
815-942-0080**II. COMPOSITION/INFORMATION ON INGREDIENTS:**

<u>COMPONENT</u>	<u>CAS Number</u>	<u>%</u>	<u>PEL</u>
Asphalt Cement	8052-52-4	63	NE
Non Ionic Surfactant	Proprietary	1.0-1.6	NE
Water	7732-18-5	>31	NE

PEL=Permissible Exposure Limit (OSHA) NE=None Established

NA: Not Applicable

INA: Information Not Known/Available

ND: Not Detectable

>: Greater Than

<: Less Than

PRODUCT NAME: SS-1h

Page 2 of 5

III. HAZARD IDENTIFICATION**Physical/Form/Color/Odor:** Liquid @ 20 C; brown color; sweet odor**Hazard Effect and Symptom:**

Skin : May cause irritation
 Eyes : May cause irritation
 Ingestion : INA
 Inhalation : INA
 Other :

Chronic Toxicity:

<input type="checkbox"/> Carcinogenic	<input type="checkbox"/> Sensitizer	<input checked="" type="checkbox"/> Non-Hazardous
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Toxic	<input type="checkbox"/> INA
<input type="checkbox"/> Irritant	<input type="checkbox"/> Highly Toxic	<input type="checkbox"/> Other

Target Organs/Systems:

<input type="checkbox"/> Respiratory	<input type="checkbox"/> Renal	<input type="checkbox"/> Nervous
<input type="checkbox"/> Hepatic	<input type="checkbox"/> Skin	<input type="checkbox"/> Reproductive
<input type="checkbox"/> Eyes	<input type="checkbox"/> Blood	<input checked="" type="checkbox"/> Other

Other: INA

Primary Routes of Entry:

<input type="checkbox"/> Skin	<input type="checkbox"/> Ingestion	<input type="checkbox"/> Inhalation
-------------------------------	------------------------------------	-------------------------------------

Other: INA

PEL=Permissible Exposure Limit (OSHA) NE=None Established

NA: Not Applicable INA: Information Not Known/Available
 ND: Not Detectable >: Greater Than <: Less Than

PRODUCT NAME: SS-1h

Page 3 of 5

IV. FIRST AID MEASURES:

Skin : Wash with water. If hardened (set) use grease/oil
Solvent soap designed for skin use.

Eye : Flush thoroughly with water for at least 15 minutes. Seek
immediate medical attention.

Ingestion : Seek immediate medical attention.

Inhalation : NA

V. FIRE FIGHTING PROCEDURES:**Flash Point (Method):**

>450 C (Pensky-Martens)

Auto-Ignition Temperature: INA**Flammable Limits in Air (% Volume)**

Lower: INA

Upper: INA

Extinguishing Media: Dry Chemical Water Fog Other Regular Foam CO2 Other: Sand**Special Hazards/Procedures:** None Known**VI. Accidental Release Measures:**

Dike and take up with absorbent material and put into approved
containers for disposal. Large volumes can be diked up and the liquid
pumped into a tanker and used; the diking material should be put into
approved containers for disposal.

VII. Handling and Storage:

Protect from freezing.

Do not pump with high shear transfer pump, eg: Viking pumps-- this will
cause the emulsion to break and set up (harden).

PEL=Permissible Exposure Limit (OSHA) NE=None Established

NA: Not Applicable INA: Information Not Known/Available
ND: Not Detectable >: Greater Than <: Less Than

PRODUCT NAME: SS-1h

Page 4 of 5

VIII. Engineering Controls/Personal Protection:

Dust Mask Respirator Air Mask
 Safety Glasses Goggles Face Shield
 Gloves Apron Full Suit
 Other:

Note: Protective equipment should meet OSHA specifications

Threshold Limit Values:

ACGIH: INA

OSHA : INA

IX. Physical and Chemical Properties:

Freezing Point	: 0 C	Boiling Point	: >100 C/760mm Hg
Specific Gravity (Water=1)	: 1.00/15 C	Bulk Density	: INA
Melting Point	: 0 C	Solubility	: soluble In water
Vapor Pressure	: INA	pH	: 7.0-8.0 liquid
Vapor Density (Air=1)	: INA	Percent Volatile	: NA
Other	: INA		

X. Stability and Reactivity:

Stability: Stable Hazardous Will Not Occur
 Unstable Polymerization Will Occur

Incompatible Materials: Anionic emulsions will cause the emulsion to break (harden). Certain cationic emulsions may not be compatible-test before blending.

Decomposition Products: INA

Condition to Avoid: INA

PEL=Permissible Exposure Limit (OSHA) NE=None Established

NA: Not Applicable INA: Information Not Known/Available

ND: Not Detectable >: Greater Than <: Less Than

PRODUCT NAME: SS-1h

Page 5 of 5

XI. Toxicological Information:

Acute Toxicity Information:

Skin : INA
Eye : INA
Ingestion: INA
Inhalation : INA

XII. Disposal:

Dispose of waste material and empty drums in accordance with local, state and federal regulations.

XIII. Transportation Regulations:

US DOT: Not regulated; no placards required
IATA/IMO: Not regulated
Other: NA

XIV. Regulatory Information:

EPA TSCA Status: Listed Not Listed As Mixture by Components
 Low Volume Exemption (LVE) FDA Regulated

EPA SARA Title III Hazard Class (Sec. 312/see Chapter III): NA

EPA SARA Title III (Sec. 313/40CFR372):

Toxic chemicals present in quantities greater than the "de minimis" level are:

NONE

Other:

THIS INFORMATION IS FURNISHED WITHOUT WARRENTY. IT IS BELIEVED ACCURATE TO THE BEST OF TRI-STATE ASPHALT'S KNOWLEDGE OR OBTAINED FROM SOURCES BELIEVED TO BE ACCURATE. ALL RECOMMENDATIONS ARE MADE WITHOUT GAURANTEE SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL. TRI-STATE ASPHALT DOES NOT ASSUME ANY LEGAL RESPONSIBILITY FOR THE USE OR RELIANCE UPON THE SAME. ALL RISKS ARE ASSUMED BY THE USER.

NA: Not Applicable INA: Information Not Known/Available
ND: Not Detectable >: Greater Than <: Less Than