SAFETY DATA SHEET

BONDLINE ADHESIVES, INC.
500 N. WOODS AVENUE
EVANSVILLE, IN 47712
812-423-4651 FAX 812-422-2662

PRODUCT: SealTrust STS4054 Splice Adhesive
GHS PRODUCT ID: SEALTRUST STS4054 Splice Adhesive
Recommended for use as: EPDM splice adhesive
Restrictions on use:

PRODUCT NAME: SEALTRUST BSA-300 Splice Adhesive
CHEMICAL FAMILY: HYDROCARBON

MANUFACTURED FOR/DISTRIBUTED BY: SEALCORP USA, INC.
TELEPHONE: (812) 868-0790

24 HOUR EMERGENCY CONTACT NUMBER: PERS 1-800-728-2482PERS ID#10267

2. HAZARDS IDENTIFICATION:
GHS Rating (1=Most Severe 4=Least Severe): HEALTH 2 FLAMMABILITY 2 REACTIVITY 0

DANGER

Highly flammable liquid and vapor. (H225)
Causes skin irritation. (H315)
May be fatal if swallowed and enters airways. (H304)
May cause drowsiness or dizziness. (H336)
May cause damage to organs through prolonged or repeated exposure (H373)

Precautionary Statement(s):
- Do not handle until all safety precautions have been read and understood (P202)
- Store in a well-ventilated place. Keep containers tightly closed. Keep cool. (P403+P233+P235)
- Keep away from heat/sparks/open flames/hot surfaces-No smoking. (P210)
- Ground/bond container and receiving equipment. Take precautionary measures against static discharge. (P240+P243)
- IF SWALLOWED: Immediately call a POISON CENTER. Get medical advice/attention. (P301+P310+P313)
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing ((P304+PP340)
- If on skin (or hair): Remove/Take-off immediately all contaminated clothing. Rinse skin with water/shower. (P303+P361+P353)
- Do NOT induce vomiting. (P331)
- Wear protective gloves/protective clothing. Manufacturer/supplier or the competent authority to specify type of equipment (P280)
- Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools (P241+P242)
- Dispose of contents/container to approved disposal facility. (P501)
- Do not breath dust/fume/gas/mist/vapors/spray (P260)
- In case of fire: Use NFPA Class B extinguishers. If water is used, use fog nozzles. (P370+P378)

3. COMPOSITION & PRODUCT INFORMATION ON HAZARDOUS INGREDIENTS:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>WT%</th>
<th>CAS#</th>
<th>ACGIH</th>
<th>TLV-8 HR/TWA</th>
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<tbody>
<tr>
<td>HEXANE</td>
<td>15.8</td>
<td>110-54-3</td>
<td>50</td>
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<tr>
<td>TOLUENE</td>
<td>56.9</td>
<td>108-88-3</td>
<td>20</td>
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<tr>
<td>XYLENE</td>
<td>6.3</td>
<td>1330-20-7</td>
<td>100</td>
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</tbody>
</table>
4. FIRST AID MEASURES:

**INHALATION**: REMOVE TO FRESH AIR IF OVERCOME. IF BREATHING HAS STOPPED BEGIN CPR. CALL A PHYSICIAN AT ONCE.

**EYE CONTACT**: FLUSH WITH WATER FOR 15 MINUTES.

**SKIN CONTACT**: WASH WITH HAND CLEANER; FOLLOW WITH SOAP AND WATER.

**PERSONAL PROTECTION**: ACGIH STEL: 50 PPM

**RESPIRATORY PROTECTION**: VENTILATE TO KEEP VAPORS BELOW THRESHOLD LIMIT VALUES. NIOSH APPROVED RESPIRATORS FOR AREAS OF CONCENTRATED VAPORS.

**EYES**: SPLASH GOGGLES FOR LIQUID PRODUCTS

**GLOVES**: MUST BE IMPERVIOUS TO SOLVENTS

**INGESTION**: DO NOT INDUCE VOMITING. CALL PHYSICIAN AT ONCE.

**NOTE TO PHYSICIAN**: CONTAINS PETROLEUM DISTILLATES.

**PRIMARY ROUTES OF ENTRY**: INHALATION, SKIN

5. FIRE FIGHTING MEASURES:

**FLASHPOINT, TAG CLOSED CUP**: 0 F

**GENERAL HAZARD**: EXTREMELY FLAMMABLE. MAY FORM COMBUSTIBLE OR EXPLOSIVE MIXTURES WITH AIR. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCES TO IGNITION SOURCES AND FLASH BACK.

**FIRE FIGHTING INSTRUCTIONS**: WATER SPRAY MAY BE INEFFECTIVE BUT MAY BE USED TO COOL CLOSED CONTAINERS. IF WATER IS USED, USE FOG NOZZLES.

**FIRE FIGHTING EQUIPMENT**: NFPA CLASS B EXTINGUISHERS (CO2, FOAM, DRY CHEMICAL) AND SELF-CONTAINED BREATHING APPARATUS

**COMBUSTION PRODUCTS**: SMOKE, NORMAL COMBUSTION PRODUCTS.

6. ACCIDENTAL RELEASE MEASURES:

**LAND SPILL**: REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE MATERIAL WITH ABSORBENTS AND/OR NON-SPARKING TOOLS.

**WATER SPILL**: USE ABSORBENT BOOMS TO DIKE AREA AND MINIMIZE AREA OF CONTAMINATION.

7. STORAGE AND HANDLING:

**STORAGE TEMPERATURE**: AMBIENT

**STORAGE PRESSURE**: ATMOSPHERIC

**GENERAL**: KEEP MATERIAL AWAY FROM HEAT, SPARK AND OPEN FLAME. DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. USE WITH ADEQUATE VENTILATION. DO NOT STORE ABOVE 120F

**STATIC ACCUMULATOR**: THIS MAY FORM AN IGNITABLE VAPOR/AIR MIXTURE IN CLOSED TANKS OR CONTAINERS. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUIDS. DO NOT CUT, BRAZE OR WELD. FOR INDUSTRIAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN.

**READ PRODUCT LABEL AND OBSERVE ALL PRECAUTIONS BEFORE USE.**
8. EXPOSURE CONTROL/PERSONAL PROTECTION:

ENGINEERING CONTROLS: LOCAL EXHAUST: PREFERABLE
MECHANICAL EXHAUST: ACCEPTABLE-USE ONLY
CLASS I GROUP D APPROVED DEVICES.

9. PHYSICAL AND CHEMICAL PROPERTIES:

SPECIFIC GRAVITY: .849
DENSITY: (IN LBS): 7.08
VAPOR DENSITY: 3 (AIR= 1)
EVAPORATION RATE (nBuAc=1): 9
SOLUBILITY IN WATER: NIL
BOILING RANGE (F): 151-158
PHYSICAL STATE: Liquid
% VOLATILE BY VOLUME: 81.32
AUTOIGNITION TEMPERATURE: 486F
DECOMPOSITION TEMPERATURE: NOT AVAILABLE
EXPLOSIVE/FLAMMABLE LIMITS: (LEL): 1 (UEL): 7.4
FLASH POINT: TAG CLOSED CUP: 0 F
VAPOR PRESSURE AT 20C (MM OF HG): 140
(VOC) CONTENT: 670.2 g/liter
APPEARANCE: Black liquid
ODOR: CHARACTERISTIC HYDROCARBON SOLVENT
ODOR THRESHOLD: NO DATA
PH: NOT APPLICABLE
MELTING POINT/FREEZING POINT: -95F
PARTITION COEFFICIENT: n-octanol/water= NO DATA

10. STABILITY AND REACTIVITY:

GENERAL: THIS PRODUCT IS STABLE AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: AVOID STRONG OXIDIZING AGENTS.
AVOID ALL SOURCES OF IGNITION. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO AN IGNITION SOURCE AND FLASHBACK.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

11. TOXICOLOGICAL INFORMATION:

NOT IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA

HEALTH EFFECTS:
    LIKELY ROUTES OF EXPOSURE: skin adsorption, inhalation
    DELAYED AND IMMEDIATE CHRONIC EFFETS FROM SHORT AND LONG-TERM EXPOSURE:
        Skin: dry skin, dermatitis, de-fatting of the skin with chapping and cracking.
        Inhalation: Inebriation, followed by headache and nausea. Dizziness, convulsions and unconsciousness in severe cases. Anorexia and nervousness may persist for several months following acute overexposure.

    NUMERICAL MEASURES (ACUTE TOXICITY ESTIMATE):

12. ECOLOGICAL INFORMATION:

    AQUATIC AND/OR TERRESTRIAL EXOTOXICITY: UNKNOWN
    PERSISTENCE AND DEGRADABILITY: UNKNOWN
    BIOACCUMLATIVE POTENTIAL: UNKNOWN

13. DISPOSAL CONSIDERATIONS:

    THIS MATERIAL IS CONSIDERED A HAZARDOUS WASTE FOR DISPOSAL PURPOSES. SEE 40 CFR PART 261.7 FOR FURTHER INFORMATION CONCERNING THE DISPOSITION OF EMPTY CONTAINERS. HAZARDOUS WASTES MAY NOT BE LANDFILLED! REFER TO 40 CFR PART 261 SUBPART C FOR DEFINITIONS OF HAZARDOUS WASTE.
14. TRANSPORTATION INFORMATION:

U.S. Department of Transportation (DOT)
- Shipping Description: UN1133, Adhesives, 3, PGII
- Non-Bulk Package marking: Adhesives, UN1133
- Non-bulk package labeling: Flammable liquid
- Packaging references: 49 CFR 172.101 adhesives containing a flammable liquid
- Exceptions: 49 CFR 173.150
- Hazardous Substance: See section for RQ’s if applicable
- Emergency Response Guide: 128

International Maritime Dangerous Goods (IMDG)
- Shipping Description: UN1133, Adhesives, 3, PGII
- Non-Bulk Package marking: Adhesives, UN1133
- Labels: Flammable liquid
- Packaging-Non-Bulk: P001 UN MODEL RULES 49 CFR 172.101 adhesives containing a flammable liquid
- Exceptions: P1 UN MODEL RULES
- EMS:
- Marine pollutant:

International Civil Aviation Org / International Air Transport Assoc. (ICAO/IATA)
- UN/ID #: UN1133
- Proper Shipping Name: Adhesives
- Hazard Class/Division: 3
- Subsidiary risk: 
- Packing Group: II
- Non-Bulk Package marking: Adhesives, UN1133
- Labels: Flammable liquid
- Exceptions:
- ERG Code: 128

15. REGULATORY INFORMATION:

OSHA STATUS: HAZARDOUS

CERCLA REPORTABLE QUANTITY: NONE

SARA TITLE III:
- SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE
- SECTION 311/312: 311-YES 312-YES
- SECTION 313: Contains 63.2 % toluene/xylene which is a reportable Section 313 chemical


TSCA Status: All materials contained in this product are TSCA listed.
Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substances List
European Union Status: All materials contained in this product are listed on EINECS

16. OTHER INFORMATION:

APPROVAL DATE: 01-05-2015
SUPERSEDES DATE: 
REASON FOR REVISION: NEW SDS FORMAT
MSDS FORMAT:

THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. INFORMATION IS BASED UPON SUPPLIER-ISSUED SAFETY DATA SHEETS AND MAY BE SUBJECT TO ERROR. IF APPRISED OF CHANGES, UPDATED SDS WILL BE PROMPTLY ISSUED. USERS MUST MAKE THEIR DETERMINATION REGARDING THE SUITABILITY OF THE PRODUCT FOR THEIR OWN PURPOSES PRIOR TO USE.

READ PRODUCT LABEL CAREFULLY BEFORE USE AND FOLLOW ALL PRECAUTIONS.

END OF SDS