

# BUTYL LINER REPAIR SEALER – FLAMMABLE

Product: BLRSF

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Truflex/Pang Rubber Products Company, Inc.  
200 East Coshocton Street  
P.O. Box 486  
Johnstown, Ohio 43031.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300.  
703-527-3887.

**Supplier:** Same as manufacturer.

**Product name:** Butyl Liner Repair Sealer – Flammable

**Product uses:** Rubber cement.

**Catalog number(s):** BLRSF series

**Effective date:** 2006/05/16

**Revision No.:** 5

**Last review:** 2006/05/16

**Chemical family:** Mixture.

### HMIS

**H** 1

**F** 3

**R** 0

**PPE** Sec. 8

**NFPA:**



## Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
142-82-5	46	MIXED ISOMERIC HEPTANES	400 PPM	NOT AVAILABLE	103,000 MG/M3/4H RAT INHALATION
64742-89-8	*31	SOLVENT NAPHTHA, LIGHT ALIPHATIC	400 PPM	NOT AVAILABLE	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).

CAS# 64742-89-8: LC50 14000-16000 ppm/4H rat inhalation.

CAS# 64742-89-8: LD50 >25,000 mg/kg rat oral.

CAS# 64742-89-8: LD50 >5000 mg/kg rabbit dermal.

CAS# 64742-89-8: TLV 400 ppm (skin).

\*: Consists of a complex stream of predominantly C6 to C9 hydrocarbons, exact composition varies.

### Section 3 : HAZARD IDENTIFICATION

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

#### Effects of acute exposure

**Eye contact:** May cause irritation.

May cause redness and tearing.

May cause stinging.

May cause swelling.

**Skin contact:** May cause redness.

May cause burns.

May cause cracking.

May cause drying.

May cause mild irritation.

**Inhalation:** May cause weakness and fatigue.

May cause drowsiness.

May cause unconsciousness.

May cause confusion.

May cause coma and death.

Breathing large amounts may be harmful.

May cause light headedness.

May cause nose and throat irritation.

Inhalation overexposure can lead to central nervous system depression producing effects such as headache, nausea, dizziness and loss of coordination.

Vapors may cause irritation.

**Ingestion:** May cause nausea, vomiting and diarrhea.

May cause gastro-intestinal irritation.

Aspiration hazard if swallowed.

May cause central nervous system depression.

Low oral toxicity in small amounts.

**Effects of chronic exposure:** May cause liver and kidney damage.

May affect the central nervous system.

### Section 4 : FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing.

Wash thoroughly with soap and water.

Seek medical attention if irritation persists.

**Eye contact:** Flush eyes with clear, running water for 20 minutes while holding eyelids open. If irritation persists, consult a physician.

**Inhalation:** Keep person warm and at rest.

Remove victim to fresh air. If breathing is difficult administer oxygen. If not

breathing, have qualified person give artificial respiration. Obtain medical attention.

**Ingestion:** Guard against aspiration of liquids into lungs.

If victim is drowsy or unconscious, place on left side with head down. Do not leave individual unattended.

Do not induce vomiting, seek immediate medical attention.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

## Section 5 : FIRE FIGHTING MEASURES

**Flammability:** Extremely flammable.

**Conditions of flammability:** Vapours may travel to a source of ignition and flash back.  
Vapours are heavier than air and may travel along the ground and be ignited by flames, sparks or other ignition sources at locations distant from the material handling point.  
Heat, sparks and open flames.

**Extinguishing media:** Carbon dioxide, dry chemical, foam.

**Special procedures:** Positive pressure self-contained breathing apparatus required and full protection to prevent skin contact.

**Auto-ignition temperature:** Not available.

**Flash point (°C), method:** -6.7(20°F)

**Lower flammability limit (% vol):** 1.0

**Upper flammability limit (% vol):** 8.0

### Explosion Data

**Sensitivity to static discharge:** Take precautionary measures against static discharge.

**Sensitivity to mechanical impact:** Not available.

**Hazardous combustion products:** Not available.

**Rate of burning:** Not available.

**Explosive power:** Product (even just residue) can ignite explosively.

## Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Eliminate all sources of ignition.  
Dike area to prevent spreading.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Absorb residual material with sand or other absorbent material.  
Stop leak if without risk.  
Wear appropriate protective equipment.  
Ground handling equipment.  
Remove to non-leaking containers for disposal.  
Remove with vacuum trucks or pump to salvage vessels.  
Notify the appropriate authorities as required.

## Section 7 : HANDLING AND STORAGE

**Handling procedures and equipment:** Maintain a good personal hygiene.  
Keep away from heat, sparks, and open flame.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Empty containers containing residue may cause a hazard.  
Do not cut, grind, weld or drill empty container.  
Use proper grounding procedures.

Avoid contact with skin, eyes and clothing.  
Do not smoke in handling or storage area.  
Avoid breathing vapor, fumes or mist.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store away from all sources of ignition.  
Store away from incompatible materials.  
Keep away from heat, sparks, and open flames.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

**Gloves/Type:**



Chemical resistant gloves.

**Respiratory/Type:**



If exposure limit is exceeded, wear a NIOSH approved respirator.  
(negative pressure type).

**Footwear/Type:**



Impervious boots.

**Clothing/Type:** Impervious clothing.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Explosion proof ventilation equipment.  
Local exhaust and/or general ventilation.  
Provide sufficient mechanical ventilation to maintain exposure below TLV.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Strong solvent odor.  
Black liquid.  
High viscosity liquid.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** 38 @ 20°C(68°F)

**Vapour density (air=1):** 3.5

### Volatiles (%)

**By volume:** 77%

**Evaporation rate  
(butyl acetate = 1):** 3.6

**Boiling point (°C):** (initial boiling point).  
(@ 760 mmHg).  
85.5–93.3 (185–200°F)

**Freezing point (°C):** Not available.

**pH:** Not applicable.

**Specific gravity @ 20 °C:** (water = 1).  
0.77 @ 20°C(68°F)

**Solubility in water (%):** Not available.

**Coefficient of water\oil dist.:** Not available.

**VOC:** 4.93 lbs/gal (592 g/L)

#### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** None known.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Strong acids.  
Strong oxidizing agents.

**Hazardous decomposition products:** Carbon monoxide.  
Various hydrocarbons.  
Carbon dioxide.

#### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available for mixture, see section 2A.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Sensitization to product:** Not available.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

**Environmental fate:** No data at this time.

#### Section 13 : DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of all waste in accordance with Local, State, and Federal regulations.  
Unused product is RCRA ignitable (D001).

#### Section 14 : TRANSPORT INFORMATION

**ADR CLASSIFICATION:** ADHESIVES  
UN1133  
Class 3  
PG II.

**Labels required:** Flammable liquid.

**Emergency response guidebook number:** 128

**EmS number:** 3-05

**Reportable Quantity (DOT):** 100 lbs

**Hazardous Waste Classification:** D001

**Additional shipping information:** As packaged for distribution (<1L containers), this product may ship as a Consumer Commodity, (ORM-D Domestic US).  
<1L containers may be shipped as limited quantity.

**Special shipping information:** See DOT, IATA and/or IMDG regulations before shipping any hazardous material.

## Section 15 : REGULATORY INFORMATION

### EU Regulatory Information

**European Union (EU) Regulatory Information:** EU labeling required.

**EU Risks:** R11: Highly flammable.  
R36/38: Irritating to eyes and skin.

**EU Safety:** S16: Keep away from sources of ignition – No smoking.  
S25: Avoid contact with eyes.  
S33: Take precautionary measures against static discharges.  
S51: Use only in well-ventilated areas.

**EINECS#:** CAS# 64742-89-8 – EINECS# 232-443-2.  
CAS# 142-82-5 – EINECS# 205-563-8.

**EU Classification:** Highly flammable.

## Section 16 : OTHER INFORMATION

**Supplier MSDS date:** 2006/04/10

**Data prepared by:** Global Safety Management  
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