

# LHC623 HEAT CONDUCTIVE SEALANT/RETAINER

Product: 003

Revision Date: 2009/01/20

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LHC623 Heat Conductive Sealant/Retainer

**Manufacturer:** LOCK-N-STITCH Inc.  
1015 S.Soderquist Road.  
Turlock, CA  
95380.

**Manufacturer emergency phone number:** 800-255-3924 (CHEM TEL).

**Chemical family:** Mixture.

### **HMIS**

**H 2**

**F 1**

**R 1**

**PPE Sec. 8**

## Section 2 : INGREDIENT INFORMATION

C.A.S.	Conc% wgt/wgt	Ingredient	ACGIH-TLV TWA	LD/50	LC/50
25852-47-5	43-53	POLYGLYCOL DIMETHACRYLATE		NOT AVAILABLE	NOT AVAILABLE
613-48-9	0.1-1	N,N-DIALKYL TOLUIDINE		NOT AVAILABLE	NOT AVAILABLE
80-15-9	1-3	CUMENE HYDROPEROXIDE		382 MG/KG RAT ORAL 500 MG/KG RAT DERMAL 342 MG/KG MOUSE ORAL 490 MG/KG MOUSE DERMAL	220 PPM/4H RAT INHALATION 200 PPM/4H MOUSE INHALATION
81-07-2	1-3	SACCHARIN		17,000 MG/KG MOUSE ORAL	NOT AVAILABLE
84-74-2	40-43	DIBUTYL PHTHALATE		7499 MG/KG RAT ORAL 3474 MG/KG MOUSE ORAL >20 ML/KG RABBIT DERMAL	4250 MG/M3 RAT INHALATION 25,000 MG/M3/2 HOURS MOUSE INHALATION
9002-84-0	2-3	POLYTETRAFLUOROETHYLENE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

9002-88-4	1-5	POLYETHYLENE GLYCOL	10 MG/M3	NOT AVAILABLE	12,000 MG/M3/30MIN MOUSE INHALATION
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### 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 blurred vision.

**Skin contact:** May cause irritation for sensitive individuals.

**Inhalation:** May cause irritation of the mucous membranes.  
Inhalation of decomposition products of PTFE (over 290°C/554°F) may cause polymer fume fever, a temporary flu-like illness accompanied by fever, chills, and sometimes cough, of approximately 24 hours duration. Repeated episodes of polymer fume fever may cause lung damage.

**Ingestion:** Aspiration hazard if swallowed.

**Effects of chronic exposure:** See effects of acute exposure.

### Section 4 : FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing and shoes.  
Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Flush with water for at least 15 minutes.  
Seek medical attention if irritation persists.

**Inhalation:** Remove victim to fresh air.  
If breathing is difficult get medical attention.

**Ingestion:** Obtain immediate medical attention.  
Do not induce vomiting.  
If vomiting occurs, keep head below hips.

**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:** Not flammable.

**Conditions of flammability:** At temperatures at or above flash point.

**Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water fog.  
Water spray.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

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

**Flash point (°C), method:** > 93.3°C (> 200°F)

**Lower flammability limit (% vol):** Not available.

**Upper flammability limit (% vol):** Not available.

**Explosion Data**

**Sensitivity to static discharge:** Not available.

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

**Hazardous combustion products:** Hydrogen fluoride.  
Hydrofluoric acid.

**Rate of burning:** Not available.

**Explosive power:** Not available.

**Section 6 : ACCIDENTAL RELEASE MEASURES**

**Leak/Spill:** Absorb with inert material.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Dispose of in DOT approved waste containers.

**Section 7 : HANDLING AND STORAGE**

**Handling procedures and equipment:** Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Avoid contact with skin, eyes and clothing.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store between -15 and 23.9°C (5-75°F).

**Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Precautionary Measures**

**Gloves/Type:**



Rubber or plastic.

**Respiratory/Type:** None required under normal use.

**Eye/Type:**



Safety glasses.  
Do not wear contact lenses.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.

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

**Ventilation requirements:** Adequate ventilation.

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

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Black  
Mild odour.  
Translucent.

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

**Vapour pressure (mmHg):** <5 @ 26.6C (80F)

**Vapour density (air=1):** Not available.

**Volatiles (%)**

**By volume:** Not available.

**Evaporation rate (butyl acetate = 1):** Not available.

**Boiling point (°C):** > 149°C (> 300°F)

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

**pH:** Not available.

**Specific gravity @ 20 °C:** 1.1 @ 23.8C (75F)

**Solubility in water (%):** Low

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

**VOC:** Not available.

## Section 10 : STABILITY AND REACTIVITY

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

**Conditions of instability:** Excessive heat.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Strong oxidizing agents.  
Metallic salts.

**Hazardous decomposition products:** None known.

## Section 11 : TOXICOLOGICAL INFORMATION

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

**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 14 : TRANSPORT INFORMATION**

DOT: Not regulated.

**Section 15 : REGULATORY INFORMATION**

**USA Regulatory  
Information**

**SARA hazard categories** Immediate (Acute) Health Hazard: Yes.  
**sections 311/312:** Delayed (Chronic) Health Hazard: No.  
Fire Hazard: No.  
Sudden Release of Pressure: No.  
Reactive: No.

**SARA Section 313:** Dibutyl phthalate (84-74-2).  
Cumene hydroperoxide (80-15-9).  
Saccharin (81-07-2).

**CERCLA reportable quantity:** Dibutyl Phthalate (84-74-2) - 10 lbs.  
Saccharin (81-07-2) - 100 lbs.  
Cumene hydroperoxide (80-15-9) - 10 lbs.

**TSCA inventory:** All ingredients are listed on the TSCA inventory.

**Section 16 : OTHER INFORMATION**

**Supplier MSDS date:** 2005/01/20

**Data prepared by:** Global Safety Management  
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