Safety Data Sheet LB-1-HT

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Preparation: october 2, 2008
Review / Revision: May 2014

1. IDENTIFICATION

Part No & Description: LB-1-HT, High Heat Cast Blast
Trade Name: Hi Heat Cast Blast
Manufacturer: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
Ph: 815-895-9101

Product Code: GNHT160065
Distributor: Goodson Tools & Supplies
156 Galewski Drive
Winona, MN 55987
Ph: 507-452-1830 or 800-533-8010

Emergency Phone: 800-924-6804 (24 hours) or CHEMTEL: 800-255-3924 or outside the U.S.: 813-248-0585

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.
Dangerous Components:

Chemical Name	CAS No.	
Acetone	67-64-1	23.16%
propane	74-98-6	18.91%
Toluene	108-88-3	18.28%
n-butane	106-97-8	11.11%
VM&P Naphtha	64742-89-8	6.45%
barium Sulphate, natural	7727-43-7	6.1%
Iron Manganese Oxide Black	68186-94-7	2.77%
xylene (mix)	1330-20-7	1.1%
PM acetate	108-65-6	1.05%

3. HAZARDS IDENTIFICATION

Hazard information for people and the environment: Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks, and flame. Has narcotizing effect.
Risk phrases: Extremely flammable. Irritating to eyes. Harmful: Danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child.
Safety phrases: Keep out of the reach of children. Keep away from sources of ignition - No smoking. Do not breathe gas/fumes/vapor/spray. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable protective clothing and gloves. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.
Effects of chronic overexposure: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA Ratings (scale 0 - 4):	Health=1	Fire=4	Reactivity=3
HMIS ratings (scale 0 - 4):	Health=1	Fire=4	Physical Hazard=3

4. FIRST AID MEASURES

After Inhalation: Supply fresh air; consult doctor in case of complaints.
After Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water.
After Eye Contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing: Contact physician or poison control center.

5. FIRE FIGHTING MEASURES

Extinguishing Agents: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards: No further relevant information available.
Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Environmental Precautions: Do not allow product to reach sewage systems or ground water.
Methods and material for containment and cleaning up: Ensure adequate ventilation.

7. HANDLING AND STORAGE

Fire / Explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.
Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

67-64-1 Acetone

PEL: 2400 mg/m^3, 1000 ppm

REL: 590 mg/m^3, 250 ppm

TLV: Short-term value: (1782) NIC-1187 mg/m^3, (750) NIC-500 ppm
Long-term value: (1188) NIC-475 mg/m^3, (500) NIC-200 ppm
BEI

74-98-6 Propane

PEL: 1800 mg/m^3, 1000 ppm
REL: 1800 mg/m^3, 1000 ppm
TLV: Varies mg/m^3, 1000 ppm

108-88-3 Toluene

PEL: Short-term value: C 300; 500* ppm
Long-term value: 200 ppm
*10-min peak per 8-hr shift

REL: Short-term value: 560 mg/m^3, 150 ppm
Long-term: 375 mg/m^3, 100 ppm

TLV: 75 mg/m^3, 20 ppm
BEI

106-97-8 n-butane

REL: 1900 mg/m^3, 800 ppm
TLV: Varies mg/m^3, 1000 ppm

7727-43-7 barium sulphate, natural

PEL: 15*, 5**mg/m^3
*total dust**respirable fraction
REL: 10* 5**mg/m^3
*total dust**respirable fraction
TLV: 10 mg/m^3

1330-20-7 xylene (mix)

PEL: 435 mg/m^3, 100 ppm
REL: Short-term value: 655 mg/m^3, 150 ppm
Long-term value: 435 mg/m^3, 100 ppm
TLV: Short-term value: 651 mg/m^3, 150 ppm
Long-term value: 434 mg/m^3, 100 ppm
BEI

108-65-6 PM acetate

WEEL: 50 ppm

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.
Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect

overexposure conditions exist, please consult an authority on chemical hygiene.
Hand Protection: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.
Eye protection: Tightly sealed goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH-value: Not determined
Boiling point: -110°C (-166°F)
Flash point: -19°C (-2°F)
Flammability (solid, gaseous): Not applicable.
Auto igniting: Product is not self-igniting
Danger of explosion: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120°F. In use, may form flammable/explosive vapor-air mixture.
Lower Explosion Limit: 1.5 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: 40 PSI, 2750 hPa
Specific Gravity: Between 0.77 & 0.85 (Water equals 1.00)
VOC content: 586.0 g/l / 4.89 lb/gl
VOC content (less exempt solvents): 58.3%
MIR value: 1.29
Solids Content: 18.6%
Other information: No further relevant information available.

10. STABILITY & REACTIVITY

Conditions to avoid: Do not allow the can to exceed 120°F. Stable at normal temperatures.
Hazardous decomposition: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Hazardous for water, do not empty into drains.
Other Information: This product does not contain any chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), chlorinated solvents.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14. TRANSPORTATION INFORMATION

UN-Number: UN1950
DOT: Consumer Commodity ORM-D
AEROSOLS, flammable
Class: 2.1
Marine pollutant: No
EMS Number: F-D, S-U
Packaging Group: --

15. REGULATORY INFORMATION

SARA Section 355 (extremely hazardous substances): None of the ingredients in this product are listed.
SARA Section 313 (specific toxic chemical listings):
108-88-3 Toluene
1330-20-7 xylene (mix)
TSCA: All ingredients are listed.
CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.
California Proposition 65 chemicals known to cause cancer:
100-41-4 ethyl benzene
California Proposition 65 chemicals known to cause developmental toxicity:

108-88-3 Toluene
WHMIS Symbols for Canada:
A-Compressed gas
D2A - Very toxic material causing other toxic effects



EPA:
67-64-1 Acetone: I
108-88-3 Toluene: II
1330-20-7 xylene (mix): I
IARC:
108-88-3 Toluene: 3
1330-20-7 xylene (mix): 3
ACGIH:
67-64-1 Acetone: A4
108-88-3 Toluene: A4
68186-94-7 Iron Manganese Oxide Black: 5mg/m3
1330-20-7 xylene (mix): A4
NIOSH:
The following substances are regulated in the United States with reference to occupational exposure limits.

16. OTHER INFORMATION

This product was manufactured in the U.S.A.
This information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
ISO: International Organization for Standardization
EPA: Environmental Protection Agency
IARC: International Agency for the Research of Cancer
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
CPSC: Consumer Product Safety Commission