

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

Trade Name : High Temperature Aluminum LAST BLAST
Product code : ALB-1-HT (GNHT160063)
Distributor : Goodson Manufacturing Company
156 Galewski Drive
Winona, MN 55987-0847 - USA
T 507-452-1830
Emergency Number : 800-924-6804 (24 hours)

SECTION 2: Hazard(s) Identification

Classification of the Substance or Mixture

Flam. Aerosol 1 : Extremely flammable aerosol.
Press. Gas : Contains gas under pressure; may explode if heated.
Skin Irrit. 2 : Causes skin irritation.
Eye Irrit. 2A : Causes serious eye irritation.
Repr. 2 : Suspected of damaging fertility or the unborn child.
STOT SE 3 : May cause drowsiness or dizziness.
STOT RE 2 : May cause damage to organs through prolonged or repeated exposure.

Hazard pictograms



Signal Word

: Danger

Hazard Statements

: Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

: Obtain special instructions before use.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fumes/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If inhaled: remove the person to fresh air and keep comfortable for breathing.
If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
Call a poison center/doctor if you feel unwell.
If eye irritation persists; get medical advice/attention.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulation.

SECTION 3: Composition/Information on Ingredients

- Chemical Characterization : Mixtures
Chemical Description : This product is a mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	%
Toluene	000108-88-3	23.750
Acetone	000067-64-1	21.620
Propane	000074-98-6	18.910
N-Butane	000106-97-8	11.110
Barium Sulfate	007727-43-7	5.480
VM&P Naphtha	064742-89-8	3.170
Aluminum Flake	007429-90-5	3.160
Xylene (mix)	001330-20-7	1.240

SECTION 4: First Aid Measures

- After Inhalation : Supply fresh air; consult doctor in case of complaints.
After Skin Contact : Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Wash exposed area with soap and water.
After Eye Contact : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing : Rinse out mouth and then drink plenty of water. Do NOT induce vomiting.
Most Important Symptoms & Effects : Dizziness
Indication of Need for Immediate Medical Attention : No further relevant information available.

SECTION 5: Fire-Fighting Measures

- Extinguishing Agents : Carbon dioxide (CO₂), extinguishing powder or water spray. Fight larger fires with water spray.
Special Hazards : Can form explosive gas-air mixtures.
Protective Equipment for Firefighters : A respiratory protective device may be necessary.

SECTION 6: Accidental Release Measures

- Personal Precautions, Protective Equipment and Emergency Procedures : Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and Material for Containment and Cleaning up : Ensure adequate ventilation. Dispose of contaminated material as waste according to Section 13 of this SDS.

SECTION 7: Handling and Storage

- Precautions For Safe Handling : Use only in well-ventilated areas.
Storage Requirements : Keep away from sources of heat and direct sunlight. Do not warehouse in sub-freezing conditions. Store locked up.

SECTION 8: Exposure Controls/Personal Protection

Components with Limit Values That Require Monitoring at the Workplace

Component (CAS No.)	Type	Value
Toluene (000108-88-3)	PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10 minute peak per 8 hour shift
	REL (USA)	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
	TLV (USA)	Long-term value: 75 mg/m ³ , 20 ppm BEI
Acetone (000067-64-1)	PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
	TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI
Propane (000074-98-6)	PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	TLV (USA)	Refer to Appendix F in TLVs & BEIs book, D, EX
N-Butane (000106-97-8)	REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
	TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)
Barium Sulfate (007727-43-7)	PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
	REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
	TLV (USA)	Long-term value: 5* mg/m ³ *inhalable fraction, E
Aluminum Flake (007429-90-5)	PEL (USA)	Long-term value: 15*; 5**mg/m ³ *Total Dust; **Respirable fraction
	REL (USA)	Long-term value: 10* 5** mg/m ³ As Al *Total Dust; **Respirable/pyro powd. welding f.
	TLV (USA)	Long-term value: 1* mg/m ³ As Al; *as respirable fraction
Xylene (mix) (001330-20-7)	PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
	REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
	TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

Components with Biological Limit Values

Component (CAS No.)	Type	Value
Acetone (000067-64-1)	BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
Xylene (mix) (001330-20-7)	BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric Acids

Hygienic Protection : Keep away from foodstuffs and animal feed. Immediately remove all soiled and contaminated clothing. Wash hands after use. Store protective clothing separately. Avoid contact with eyes and skin. Do not eat or drink while working.

SECTION 8: Exposure Controls/Personal Protection (cont.)

- Breathing Equipment : A respirator is generally not necessary when using the product outdoors or in large open areas. In cases where short and/or long term over-exposure exists, a charcoal filter respirator should be worn. If you suspect over-exposure conditions exist, please consult an authority on chemical hygiene.
- Hand Protection : Nitrile gloves. The glove material must be impermeable and resistant to the substance.
- Eye Protection : Tightly sealed goggles.

SECTION 9: Physical and Chemical Properties

- Appearance : Aerosol.
- Odor : Aromatic.
- Odor threshold : Not determined.
- pH : Not determined.
- Melting Point : Undetermined.
- Boiling Point : -44°C (-47.2°F)
- Flash Point : -19°C (-2.2°F)
- Flammability (solid, gas) : Extremely flammable.
- Decomposition Temperature : Not determined.
- Auto Igniting : Product is not self-igniting.
- Danger of Explosion : In use, may form flammable/explosive vapor-air mixture.
- Lower Explosion Limit : 1.5 Vol %
- Upper Explosion Limit : 10.9 Vol %
- Vapor Pressure : Not determined.
- Relative Density : Between 0.77 and 0.85 (Water equal 1.00).
- Vapor Density : Not determined.
- Evaporation Rate : Not applicable.
- Partition Coefficient (n-octanol/water) : Not determined.
- Solubility : Not determined.
- Viscosity : Not determined.
- Water : 0.0%

SECTION 10: Stability and reactivity

- Reactivity : Stable at normal temperatures.
- Conditions to Avoid : Do not allow can to exceed 120°F (48.89°C). Do not warehouse in sub-freezing temperatures.
- Chemical Stability : Not fully evaluated.
- Possibility of Hazardous Reactions : No dangerous reactions known.
- Incompatible Materials : No further relevant information available.
- Hazardous Decomposition : No dangerous decomposition products known.

SECTION 11: Toxicological Information

LD/LC₅₀ Values That are Relevant for Classification

Component	Type	Value
N-Butane (000106-97-8)	Inhalation	LC ₅₀ /4 hr. : 658 mg/l (rat)
Xylene (mix) (001330-20-7)	Oral	LD ₅₀ : 8,700 mg/kg (rat)
	Dermal	LD ₅₀ : 2,000 mg/kg (rabbit)
	Inhalation	LC ₅₀ /4 hr : 6,350 mg/l (rat)

Information on Toxicological Effects : No data available.
Skin Effects : No irritant effect.
Eye Effects : Irritating effect.
Sensitization : No sensitizing effects known.

SECTION 12: Ecological Information

Aquatic Toxicity : Hazardous for water, do not empty into drains.
Persistence & Degradability : This product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative Potential : No further relevant information available.
Mobility in Soil : No further relevant information available.
Other Adverse Effects : No further relevant information available.

SECTION 13: Disposal Considerations

Disposal of the Product : 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.

SECTION 14: Transport Information

UN-Number : UN1950
DOT : N/A
UN1950
DOT : Consumer Commodity ORM-D
Aerosols, flammable
ADR : 1950 Aerosols
Transport Hazard Class(es)
Class : 2.1
Marine Pollutant : No
Special Precautions for User : Warning: Gases
EMS Number : F-D, S-U
Packaging Group : —
UN "Model Regulation" : UN 1950 AEROSOLS, 2.1

SECTION 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)
: Toluene (000108-88-3)
Barium Sulfate (007727-43-7)
Aluminum Flake (007429-90-5)
Xylene (mix) (001330-20-7)
- Toxic Substances Control Act (TSCA) : All hazardous ingredients for this product are found on the inventory list of substances.
- Consumer Product Safety Commission (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
: Ethyl Benzene (000100-41-4)
- California Proposition 65 Chemicals Known to Cause Birth Defects or Reproductive Harm
: Methanol (000067-56-1)
Toluene (000108-88-3)
- Canadian Environmental Protection Act : All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
- WHMIS Symbols for Canada : A - Compressed Gas
B6 - Reactive flammable material
D2A - Very toxic material causing other toxic effects.



- EPA : Acetone (000067-64-1) |
Barium Sulfate (007727-43-7) | D, CBD (inh), NL (oral)
Xylene (mix) (001330-20-7) |

SECTION 16: Other Information

- Revision Date : December 21, 2017
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End of SDS