

# SAFETY DATA SHEET

According to WHMIS2015

Version 1.0

Issue date:

Revision date:

SDS Record Number:

## Section 1. Identification

Product identifier:

Identification of the product: See section3

Recommended use: To repair inflatable boats, air beds, swimming pools, tents and toys.

Recommended restrictions: Not available.

Details of the supplier of the safety data sheet:

Supplier(Manufacturer):

Address:

Contact person(E-mail):

Telephone:

Fax:

Importer:

Address:

Contact person(E-mail):

Telephone:

Fax:

Emergency number:

## Section 2. Hazards identification

Hazard classification of substance or mixture:

Physical hazards:	Flammable liquids	Category 2
Health hazards:	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity after single exposure	Category 3
Environmental hazards:	Not classified	

Label elements:

Hazard Pictograms: :



Signal word: Danger

Hazard statement: Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Precautionary statement: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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Avoid breathing dust/fume/ gas/mist/vapors/spray.  
Wash hands thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/eye protection/face protection.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center /doctor if you feel unwell.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
In case of fire: Use mist, foam, halon, carbon dioxide, dry chemical, any "c" class extinguishing media for extinction.  
Store in a well-ventilated place. Keep cool. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container in according with local regulation.  
Not applicable.

#### Other hazards

### Section 3. Composition/information on ingredients

**Substance/Mixture:** Mixture

**Ingredient(s):**

Chemical Name	CAS No.	EC No.	Concentration

### Section 4. First aid measures

**First-aid measures by route of exposure:**

**Inhalation:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Skin contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

**Eye contact:** If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

**Ingestion:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Most important symptoms and effects, both acute and delayed:** Causes serious eye irritation. May cause drowsiness or dizziness.

**Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically.

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## Section 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Use mist, foam, halon, carbon dioxide, dry chemical, any "C" class extinguishing media.
<b>Unsuitable extinguishing media:</b>	Not available.
<b>Specific hazards arising from the chemical:</b>	Flammable in presence of open flames and sparks.
<b>Protective equipment and precautions for firefighters:</b>	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## Section 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves and eye/face protection.
<b>Environmental precautions:</b>	Keep out of sewers, storm drains, surface waters, and soils.
<b>Methods and materials for containment and cleaning up:</b>	Small spills: Contain and recover liquid if possible. Use non-sparking tools and equipment to keep fires from starting. Soak up with absorbent material such as clay, sand or other suitable non-reactive, non-combustible material. Place in leak-proof containers. Seal tightly for proper disposal.

## Section 7. Handling and storage

<b>Precautions for safe handling:</b>	Wash hands after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, and alkalis.
<b>Conditions for safe storage, including any incompatibilities:</b>	Protect against physical damage. Store in a cool, dry well-ventilated location. Shelf Life: 24-months at 77°F (25°C). When unopened.

## Section 8. Exposure controls/personal protection

<b>Exposure limit(s):</b>	
<b>Engineering measures:</b>	Use with adequate ventilation to ensure exposure levels are maintained below the limits.
<b>Individual protection measures:</b>	
<b>Eye/face protection:</b>	Use chemical safety goggles and/or a full face shield where splashing and eye contact is possible. Maintain eye wash fountain and quick-drench facilities in work area. Contact lenses pose a special hazard; Do not wear contact lenses. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.
<b>Skin protection:</b>	Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.
<b>Respiratory protection:</b>	Not normally required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93,

the European Standard EN149, or EU member states.

Use of chemical resistant gloves is recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**Hand protection:**

## Section 9. Physical and chemical properties

**Appearance:**

<b>Physical state:</b>	Liquid
<b>Form:</b>	Liquid
<b>Color:</b>	Colorless to slightly yellow
<b>Odor:</b>	
<b>Odour threshold:</b>	
<b>PH:</b>	
<b>Melting point/Freezing point:</b>	
<b>Boiling Point:</b>	
<b>Flash point:</b>	
<b>Evaporation rate:</b>	
<b>Flammability (solid, gas) :</b>	
<b>Upper/lower flammability or explosive limits:</b>	
<b>Vapor pressure:</b>	
<b>Vapor density:</b>	
<b>Relative density:</b>	
<b>Solubility (H<sub>2</sub>O) :</b>	
<b>Partition coefficient (n-octanol/water) :</b>	
<b>Auto-ignition temperature:</b>	
<b>Decomposition temperature:</b>	
<b>Molecular weight:</b>	
<b>Molecular formula:</b>	
<b>Viscosity:</b>	
<b>Specific gravity:</b>	0.75-0.85 g/ml (water)
<b>Explosive properties:</b>	Not available
<b>Solvents content:</b>	Not available
<b>% VOLATILE:</b>	<82-88

## Section 10. Stability and reactivity

<b>Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid:</b>	Incompatible materials. Excess heat, ignition sources.
<b>Incompatible materials:</b>	Oxidizing agents, alkalis.
<b>Hazardous decomposition products:</b>	Thermal decomposition products include carbon monoxide, carbon dioxide and other organic substances.

## Section 11. Toxicological information

**Information on toxicological effects**

<b>Likely route of exposure:</b>	Eye, inhalation
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**Symptoms related to the physical, chemical and toxicological characteristics –immediate or delayed**

Causes serious eye irritation.  
May cause drowsiness or dizziness.

**LD50(Oral, Rat):** Not available  
**LD50(Dermal, Rabbit):** > 20 000 mg/kg bw male  
**LC50(Inhalation, Rat):** Not available  
**Skin corrosion/Irritation:** Not classified  
**Serious eye damage/irritation:** Causes serious eye irritation.  
**Respiratory or skin sensitization:** Not classified  
**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** Not classified  
**Reproductive toxicity:** Not classified  
**STOT- single exposure:** May cause drowsiness or dizziness.  
**STOT-repeated exposure:** Not classified  
**Aspiration hazard:** Not classified

## Section 12. Ecological information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	230 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life of less than 1 day. This material has a log octanol-water partition coefficient of less than 3.0. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals.

**Bioaccumulative potential:** This material is not expected to significantly bioaccumulate.

**Mobility in soil:** When released into the soil, this material may leach into groundwater. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material may biodegrade to a moderate extent.

**Other adverse effects:** No data available.

## Section 13. Disposal considerations

**Disposal methods:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Waste from residues/unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging:** Pay attention to local and national official regulations. Recommendation: Do not perforate, cut up or weld uncleaned container.

## Section 14. Transport information

### ADR

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<b>UN number</b>	1133
<b>Proper shipping name</b>	ADHESIVES, containing flammable liquid
<b>Hazard class</b>	3
<b>Packing group</b>	II
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>IATA</b>	
<b>UN number</b>	1133
<b>Proper shipping name</b>	ADHESIVES, containing flammable liquid
<b>Hazard class</b>	3
<b>Packing group</b>	II
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>IMDG</b>	
<b>UN number</b>	1133
<b>Proper shipping name</b>	ADHESIVES, containing flammable liquid
<b>Hazard class</b>	3
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	F-E, S-D
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>RID</b>	
<b>UN number</b>	1133
<b>Proper shipping name</b>	ADHESIVES, containing flammable liquid
<b>Hazard class</b>	3
<b>Packing group</b>	II
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>TDG</b>	
<b>UN number</b>	1133
<b>Proper shipping name</b>	ADHESIVES, containing flammable liquid
<b>Hazard class</b>	3
<b>Packing group</b>	II
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>ADR; IATA; IMDG; RID;TDG</b>	



Transport in bulk according to Annex II of IBC02  
MARPOL 73/78 and the IBC Code:

## Section 15. Regulatory information

<b>WHMIS:</b>	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the Safety Data Sheet (SDS) contains all of the information required by the HPR.
<b>WHMIS classification:</b>	B2- Flammable Liquid D2B –Toxic material causing other toxic effects.
<b>WHMIS labeling:</b>	



HMIS:

Health – 2, Flammability – 3, Reactivity – 1

## Section 16. Other information

<b>Indication of changes:</b>	Version 1.0 Amended by WHMIS.
<b>Training instructions:</b>	Not applicable.
<b>Further information:</b>	This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
<b>Notice to reader:</b>	<p>Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.</p> <p>This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.</p>