

SOLHYDWELD LOW PRESSURE PART A

SECTION 1. IDENTIFICATION

Product Identifier	SOLHYDWELD LOW PRESSURE PART A
Other Means of Identification	SOL-WELD-LOW-A
Recommended Use	Epoxy resin sealing and bonding.
Manufacturer/Supplier Identifier	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
Supplier Identifier	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
Emergency Phone No.	Marc Charlebois, 514-705-7198, 24 Heures / 7 Jours CANUTEC, 613-996-6666, 24HR/7Jours
SDS No.	0261

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Label Elements



Signal Word:

Warning

Hazard Statement(s):

Harmful if inhaled.

Harmful if swallowed or in contact with skin.

May be harmful if swallowed and enters airways.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause respiratory irritation.

Toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention:

Do not handle until all safety precautions have been read and understood.

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

Keep container tightly closed.

Keep cool. Protect from sunlight.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

If SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.

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.

IF INHALED: Call a POISON CENTRE or 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.

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If exposed or concerned: Call a POISON CENTRE/doctor/
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Eliminate all ignition sources if safe to do so.
Absorb spillage to prevent material damage.

Storage:

Store in accordance with local, regional, national and international regulations.
Store in a well-ventilated place. Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	>98	
Propane, 1,2-epoxy-3-((2-ethylhexyl)oxy)-éter glycidique aliphatique	2461-15-6	>32	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor if you feel unwell.

Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Get medical advice or attention if you feel unwell.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

Ingestion

Have victim drink several glasses of water, if conscious DO NOT INDUCE VOMITING avoid mouth-to-mouth contact by using a barrier device. Immediately call a Poison Centre or doctor. Specific treatment is required.

Most Important Symptoms and Effects, Acute and Delayed

If on skin and/or swallowed: respiratory sensitizer. May cause asthma or an asthma-like reaction in some people. May cause moderate to severe irritation. If in eyes: causes mild irritation.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, lungs, respiratory system, skin.

Medical Conditions Aggravated by Exposure

Asthma, dermatitis, eye conditions, respiratory conditions, skin allergies, skin conditions.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Specific Hazards Arising from the Product

Flammable in presence of open flame, sparks, excessive heat or static discharge.
May include but not limited to Carbon oxides.

Special Protective Equipment and Precautions for Fire-fighters

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Approach fire from upwind to avoid hazardous vapours or gases. Wear full Bunker gear and respiratory protection (SCBA).

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Eliminate all ignition sources if safe to do so.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Absorb material with earth, sand or another non-combustible product. Do not touch the spilled product. Store recovered product in suitable containers that are: tightly-covered.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid ALL unprotected contact with this product or with contaminated equipment/surfaces. Use adequate ventilation and employ respiratory protection where dust or fumes may be generated avoid high ambient temperatures and humidity. Keep containers tightly closed when not in use or empty. Do NOT eat, drink or store food in work areas. Do NOT smoke in work areas. Wash hands thoroughly after handling this material. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

Conditions for Safe Storage

Store in the original, labelled, shipping container. Store in an area that is: cool, dry, well-ventilated.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Light yellow. Particle Size: Not available
Odour	Not available
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	146 °C (295 °F)
Flash Point	177 °C (351 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available

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Vapour Density (air = 1)	> 1.14
Relative Density (water = 1)	Not available
Solubility	Dispersible in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Yes.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Amines.

Conditions to Avoid

High temperatures.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propane, 1, 2-epoxy-3-((2-ethylhexyl)oxy)- -éther glycidique aliphatique		7800 mg/kg (male rat)	

Skin Corrosion/Irritation

There is limited evidence of moderate or severe irritation. May cause skin sensitization by contact with skin..

Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause respiratory tract irritation.

Skin Absorption

Can cause sensitization repeated exposure can cause produce local skin destruction or dermatitis.

Ingestion

Severe irritation or burns to the mouth, throat and stomach.

Respiratory and/or Skin Sensitization

Skin sensitizer. Respiratory sensitizer. May cause severe asthma-like symptoms (respiratory sensitization) based on information for closely related chemicals. May cause an allergic reaction (skin sensitization) based on limited evidence.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long term adverse effects in aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in a license landfill according to official regulations, federal, provincial and local regulations. Do not dispose into drains, waterways or sewers. Do not incinerate.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Product is included on DSL(INVENTORY).

SECTION 16. OTHER INFORMATION

SDS Prepared By BMQ SOLUTIONS

Phone No. 877-276-7249

Date of Preparation juillet 01, 2016

Date of Last Revision juillet 01, 2016

Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists
IARC = International Agency for Research on Cancer
NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
OSHA = US Occupational Safety and Health Administration
NFPA = National Fire Prevention Association

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Disclaimer We declare the information contained herein are correct. However, we decline all responsibility as to the exactness and the usage of the later.

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