



# SOLHYDWELD LOW PRESSURE PART B

## SECTION 1: IDENTIFICATION

<b>Product identifier</b>	SOLHYDWELD LOW PRESSURE PART B
<b>Other means of identification</b>	SOL-WELD-LOW-B
<b>Recommended use</b>	Epoxy Resin for Injection Hardeners.
<b>Manufacturer/Supplier Identifier</b>	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
<b>Supplier identifier</b>	BMQ SOLUTIONS, 1522 Boulevard des Laurentides, Laval, Qc, H7M 2N7, Marc Charlebois, 877-267-7249
<b>Emergency telephone number</b>	Marc Charlebois, 514-705-7198, 24 Hours / 7 Days CANUTEC, 613-996-6666, 24HR/7Days
<b>SDS number</b>	0262

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Canadian Hazardous Products Regulations (WMIS 2015). **Label elements**



Signal word: Danger Hazard

statement(s): Fatal if swallowed or inhaled.

Toxic by skin contact.

Corrosive to the respiratory tract.

May be fatal if swallowed and enters airways.

Causes severe skin burns and eye damage.

May cause a skin allergy.

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

May irritate the respiratory tract.

Toxic to aquatic organisms.

**Precautionary advice(s):**

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - NO SMOKING.

Keep the container tightly closed.

Keep cool. Protect from solar radiation.

Do not incinerate containers. Do not

breathe dust/fumes/gas/mist/vapours/spray. Avoid contact with eyes, skin or clothing.

Wash hands and skin thoroughly after handling.

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

Intervention:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF SWALLOWED: Call a Poison Control Center/doctor immediately. IF ON SKIN (or hair): Remove contaminated clothing immediately. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep in a position where they can breathe comfortably.

Product identifier: SOLHYDWELD LOW PRESSURE PART B IF INHALED: Call a Poison Control Center/doctor/if you feel unwell.

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Date of preparation July 1, 2016 Call a Poison Control Center/doctor immediately/ Call a Poison Control Center or doctor immediately if you feel unwell. Eliminate all sources of ignition if safe to do so.

Absorb any spilled substance to prevent it from attacking surrounding materials.

IF INHALED: Remove person to fresh air and keep in a position where they can breathe comfortably.

IF INHALED: Call a Poison Control Center/doctor/if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing.

Call a Poison Control Center/doctor immediately/ Call a Poison Control Center or doctor immediately if you feel unwell. Eliminate all sources of ignition if safe to do so.

Absorb any spilled substance to prevent it from attacking surrounding materials.

Storage :

Store in accordance with local, regional, national and international regulations.

Store in a well-ventilated area. Keep the container tightly closed.

Disposal:

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

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Blend:

Chemical name	CAS number	%	Other identifiers
Poly(oxy(methyl-1,2-ethanediyl)), alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy)-	9046-10-0	>73	
Bisphenol A	80-05-7	>9	
n-Nonylphenol (mixed isomers)	25154-52-3	>9	
Alkyl Glycidyl Ether	68609-97-2	>9	

## SECTION 4: FIRST AID

### First aid measures

#### Inhalation

Remove to fresh air. Keep at rest in a comfortable position for breathing. Seek medical attention if you feel unwell or are concerned.

**Skin contact** Immediately

remove contaminated clothing, shoes and contaminated leather items (e.g. watch straps, belts). Rinse gently and thoroughly with lukewarm water and mild soap for 5 minutes. Thoroughly wash clothing, shoes and leather items before reuse or dispose of them safely. If exposure is known or suspected, call a Poison Control Center or doctor.

**Eye contact** Rinse cautiously

with water for several minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue rinsing. If eye irritation persists, seek medical advice or consult a doctor.

#### Ingestion

Have several glasses of water drink, if conscious DO NOT INDUCE VOMITING never give liquid to an unconscious person. If exposure is known or suspected, call a Poison Control Center or doctor.

### Most important symptoms and effects, whether acute or delayed If inhaled

and/or if swallowed: may cause serious irritation to the nose and throat. May cause lung damage. Symptoms may include cough, shortness of breath, difficulty breathing, and chest tightness. Respiratory sensitizer. May cause asthma or asthma-like reaction in some people. In severe cases, can cause death. In case of skin contact: may cause moderate to severe irritation. In case of eye contact: may cause moderate to severe irritation.

### Immediate medical attention or special treatment

#### Target organs

Eyes, digestive system, lungs, respiratory system, skin.

#### Health problems aggravated by exposure to the product

Asthma, dermatitis, respiratory disorders, skin allergies, skin disorders.

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## SECTION 5: MEASURES TO TAKE IN CASE OF FIRE

### Extinguishing Media

#### Suitable Extinguishing Media Carbon

dioxide, dry chemical powder, suitable extinguishing foam, water spray or water mist.

#### Specific product hazards May include but

not limited to Corrosive and oxidizing nitrogen oxides. **Personal protective equipment and precautions for firefighters** Use Bunker gear and respiratory protection (SCBA).

Firefighters may enter the area if they are wearing a positive pressure SCBA and full turnout gear.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency measures Evacuate the area

immediately. Isolate the danger zone. Do not allow unnecessary or unprotected personnel to enter.

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Eliminate all sources of ignition. Use grounded and explosion-proof equipment. Remaining product may be absorbed by clay, diatomaceous earth or other absorbent and shoveled into appropriate disposal containers.

### Environmental precautions

Prevent entry into sewers, soil, or watercourses.

### Methods and materials for containment and cleaning up Do not use

absorbents. Contain spill with non-combustible materials such as vermiculite, earth or sand. Wear suitable protective equipment Store the recovered product in appropriate containers with the following characteristics: tightly sealed.

## SECTION 7: HANDLING AND STORAGE

### Safety Precautions for Handling Do not inhale this product. Avoid repeated or

prolonged skin contact. Avoid contact with eyes, skin or clothing. Use only where ventilation is adequate. Avoid producing steam or mists.

Seek medical advice or consult a doctor after any exposure. Symptoms may be delayed. Eliminate heat and sources of ignition such as sparks, open flames, hot surfaces and static electricity discharges. Install "No Smoking" posters. Avoid ALL unprotected contact with this product or with contaminated equipment and surfaces. Keep containers tightly closed if unused or empty. DO NOT smoke in the workplace. DO NOT eat, drink or store food in the workplace.

Wash hands thoroughly after handling this product and before eating, using the toilet, or leaving the work area. Wash clothing, shoes and leather items thoroughly before reusing them or disposing of them safely. Keep contaminated clothing in closed containers.

### Safe storage conditions Store in an area with the following

characteristics: cool, dry, well ventilated. Store in the original labeled shipping container. Do not store near acids.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Settings

Chemical name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
n-Nonylphenol (mixed isomers)	Not established		Not established			

### Appropriate Engineering Controls Use an

enclosure with local exhaust ventilation, where applicable, to control the amount of product in the air. Provide eyewash and emergency shower if there is risk of contact or splashing.

### Individual protection measures

#### Eye and face protection Wear chemical

goggles and face shield if contact is possible.

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**Eye and face protection**

Wear chemical goggles and face shield if contact is possible.

**Skin protection**

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

**Respiratory protection**

When ventilation is inadequate wear a NIOSH approved air-purifying respirator and equipped with a cartridge against organic vapors.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Basic physical and chemical properties

Amber **appearance** . Particle size: Not available

**Odor** Ammonia-like

**Olfactory threshold** Not available

**pH** Not available

**Melting Point/Cooling Point** Not available (merge); Not available (freezing)

**freezing**

**Initial boiling point and boiling area** Not available

**Flash point** > 100 °C (212 °F) (in a closed vessel)

**Evaporation rate** Not available

**Flammability (solids and gases)** Not available

**Upper/lower limits** Not available (superior); Not available (lower)

**Flammability or**

**Explosibility**

**Vapor pressure** Not available

**Vapor density** Not available

**Relative density (water = 1)** 1

**Solubility** Dispersible in water; Not available (in other liquids)

**Sharing coefficient n-octanol/water** Not available

**Auto-ignition temperature** Not available

**Decomposition temperature** Not available

**Viscosity** Not available (cinematic); 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

**Electrical conductivity** Not available

**Vapor pressure at 50°C** Not available

**Concentration of vapors at saturation** Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity**

Unknown.

**Chemical stability**

Usually stable.

**Risk of hazardous reactions**

Unknown.

**Conditions to avoid**

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Conditions to avoid

Unknown.

Incompatible materials

Unknown.

Hazardous decomposition products Very toxic

carbon monoxide and carbon dioxide; nitrogen oxides.

SECTION 11: TOXICOLOGICAL DATA

Acute toxicity

Chemical name	CL50	LD50 (oral)	LD50 (cutaneous)
Poly(oxy(methyl-1, 2-ethanediyl)), alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy)-		242 mg/kg (rat)	360 mg/kg (rabbit)
Bisphenol A	> 255 mg/m3 (rat)	3300 mg/kg (rat)	3600 mg/kg (rabbit)
n-Nonylphenol (mixed isomers)		1540 mg/kg (rat)	
Alkyl Glycidyl Ether		19.2 mg/L (rat)	

Skin Corrosion/Irritation

May cause moderate to severe irritation based on information for very similar materials. May burn skin. May cause permanent scarring. May cause skin sensitization by skin contact.

Serious Eye Damage/Eye Irritation Contact causes

severe burns with redness, swelling, pain and blurred vision. Permanent damage, including blindness, could result. May cause corneal damage or blindness.

Specific Target Organ Toxicity - Single Exposure

Inhalation

May cause respiratory tract irritation. Symptoms may include cough, shortness of breath, difficulty breathing, and chest tightness. Symptoms of shortness of breath, fever, cough and weight loss, could cause death.

Skin absorption May cause

thermal burns. Symptoms may include redness, rash, swelling and itching. Repeated exposure may cause skin breakdown or dermatitis. May cause sensitization.

Ingestion

May cause irritation or severe burns to mouth, throat and stomach. May cause lung damage, nausea, dizziness and death.

Specific target organ toxicity - Repeated exposure May cause skin irritation

and respiratory tract irritation. May cause respiratory tract damage, chronic bronchitis (inflammation of the airways leading to the lungs) if dust is inhaled, dermatitis. Symptoms may include dry, reddish, cracked skin (dermatitis).

Respiratory or skin sensitization Respiratory

sensitizer. May cause an allergic reaction (skin sensitization) based on limited evidence. May cause serious asthma-like symptoms (airway sensitization) based on information for very similar chemicals. Severe exposure can cause lung damage, suffocation, unconsciousness and death.

SECTION 12: ECOLOGICAL DATA Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

Acute hazards for the aquatic environment Product identifier: SOLHYDWELD LOW PRESSURE PART B

**Acute hazards for the aquatic environment**

Chemical name	LC50 for fish 4-5.5 mg/	EC50 for shellfish	CEr50 for aquatic plants	CEr50 for algae
Bisphenol A	L (Pimephales promelas (fathead minnow); 96 hours)			

**Long-term dangers for the aquatic environment**

Chemical name	NOEC for fish 3.64 mg/	EC50 for fish	NOEC for shellfish	EC50 for shellfish
Bisphenol A	L (Oncorhynchus mykiss (rainbow trout); 28 days)			

**SECTION 13: DISPOSAL DATA****Elimination methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Don't burn.

**SECTION 14: TRANSPORT INFORMATION**

Regulation	UN number	Proper shipping name	Class(es) of group relating to transport	Hazard packaging for
Canadian TDG 2735		Amines, Liquid.corrosive NOS	8	II

**Special precautions** Not applicable

**Carriage in bulk under Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: REGULATORY INFORMATION**

**Safety, health and environmental regulations** The product is included on  
DSL (INVENTORY).

**SECTION 16: OTHER INFORMATION**

**SDS prepared by** BMQ SOLUTIONS

**Phone number** 877-276-7249

**Preparation date** July 1, 2016

**Date of most** July 01, 2016 **recent revised version**

**Meaning of  
abbreviations**

ACGIH® = American Conference of Governmental Industrial Hygienists IARC = International Agency for  
Research on Cancer NFPA = National Fire Prevention

Association NIOSH = National Institute for Occupational Safety and Health OSHA = United States Occupational  
Safety and Health Administration NTP = National Toxicology Program Base data CHEMINFO. Canadian Center for  
Occupational Health and Safety (CCOHS).

**References**

NIOSH Pocket Guide Database. National Institute for Occupational Safety and Health.  
Accessible through the Canadian Center for Occupational Health and Safety (CCOHS).

**Notice**

We believe the above information to be accurate. However, we decline all responsibility for  
the reliability and use of these

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