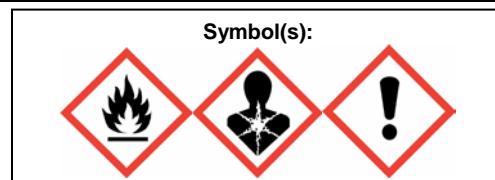


**SAFETY DATA SHEET**

GHS format

**SECTION 1 IDENTIFICATION****Product Name:** Leak Sealer (Aerosol), Hydro-Balance**Product Number(s):** H-LS17**Product Use:** Leak Sealer & Patch Spray **Restrictions on use:** None known**Distributed by:** Hydro-Balance Corporation**Manufactured by:** North American Research CorporationP.O. Box 1318 519 Huffines Blvd.  
Lewisville, TX 75067 Lewisville, TX 75056**Telephone Numbers:** (972) 492-1800, (800) 527-7520, Fax (972) 394-6755**Emergencies:** Infotrac (24 hours, everyday) (800) 535-5053 (US & Canada) 1 (352) 323-3500 (International)**SECTION 2 HAZARD(S) IDENTIFICATION**

Classification	Category
Flammable aerosols	1
Skin corrosion / irritation	2
Serious eye damage / eye irritation	2A
Germ cell mutagenicity	1B
Carcinogenicity	1B
Reproductive toxicity	2
Specific target organ toxicity, single exposure	3 narcotic effects
Specific target organ toxicity, repeated exposure	1
Aspiration hazard	1

**Signal Word:** Danger**Hazard statement(s):** KEEP OUT OF REACH OF CHILDREN. Read label and SDS before use. Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.**Precaution(s):****Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 gas. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.**Response:** IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting.  
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.  
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.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  
If exposed or concerned: Get medical advice/attention.**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Store locked up.**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.**Other Hazards:** None determined.**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient Name	CAS Registry No.	Weight %
Acetone	67-64-1	20 – 40
Asphalt, oxidized	64742-93-4	10 – 20
Propane	74-98-6	10 – 20
Toluene	108-88-3	10 – 20
Magnesium silicate	14807-96-6	2.5 – 10
Mineral spirits	8052-41-3	2.5 – 10
Carbon black	1333-86-4	1 – 2.5

If the specific chemical identity and/or the exact percentage of an ingredient is not specified, the information has been withheld as a trade secret.

**SECTION 4 FIRST-AID MEASURES**

**Eye contact:** 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.

**Inhalation** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Ingestion:** IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting. Aspiration hazard – this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

**Most important symptoms/effects:** None known.

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

**Notes to physician:** Treat symptomatically.

**Specific treatments:** Show this safety data sheet to the doctor in attendance.

**SECTION 5 FIRE-FIGHTING MEASURES**

**Suitable (and unsuitable) extinguishing media:**

Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Specific hazards arising from the chemical:**

Contents under pressure. Pressurized container may explode when heated.

**Special protective equipment for fire-fighters:** Use appropriate equipment for surrounding fire.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal precaution, protective equipment and emergency procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment. Ensure adequate ventilation. See Section 8 of the SDS for Personal Protective Equipment.

**Methods and materials for containment and cleaning-up:**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Isolate area until gas has dispersed. Absorb spill with inert material.

**Environmental precautions:**

Avoid discharge into drains, water courses or onto the ground.

**SECTION 7 HANDLING AND STORAGE**

**Precautions for safe handling:** Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** KEEP OUT OF REACH OF CHILDREN. Contents under pressure.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store locked up. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Chemical name</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>NIOSH REL</u>
Acetone	67-64-1	2400 mg/m <sup>3</sup> 1000 ppm	750 ppm STEL 500 ppm TWA	590 mg/m <sup>3</sup> 250 ppm
Carbon black	133-86-4	3.5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>
Propane	74-98-6	500 ppm 1800 mg/m <sup>3</sup> 1000 ppm	—	—
Magnesium silicate	14807-96-6	0.3 mg/m <sup>3</sup> TWA	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Mineral spirits	8052-41-3	2900 mg/m <sup>3</sup>	100 ppm	1800 mg/m <sup>3</sup> ceiling 350 mg/m <sup>3</sup> TWA
Toluene	108-88-3	300 ppm ceiling 200 ppm TWA	20 ppm TWA	560 mg/m <sup>3</sup> STEL

**Appropriate engineering controls:** Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**Individual protection measures (PPE):**

Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

**Eye protection:** Wear safety glasses with side shields. If splash potential exists, wear full face shield or chemical goggles.

**Hand protection:** Wear suitable protective gloves.

**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be implemented whenever workplace conditions warrant use of a respirator.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black liquid in aerosol can	U/L flammability or explosive limits	L 2.2% U 9.5% estimated
Odor	Solvent	Vapor pressure	40.95 psig @ 70°F estimated
Odor threshold	Not determined	Vapor density	Not determined
pH	Not applicable	Relative density (specific gravity)	0.638 estimated
Melting point/freezing point	Not determined	Solubility(ies)	Not determined
Initial boiling point and boiling range	-43.78°F (-42.1°C) estimated	Partition coefficient: n-octanol/water	Not determined
Flash point	-156°F (-104°C) propellant estimated	Auto-ignition temperature	Not determined
Evaporation rate	Not determined	Decomposition temperature	Not determined
Flammability (solid, gas)	Not determined	Viscosity	Not determined

## SECTION 10 STABILITY AND REACTIVITY

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** Stable under normal temperature conditions and recommended use.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to Avoid:** Heat, flames and sparks. Ignition sources. Contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents, acids.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**

**Ingestion:** Harmful or fatal if swallowed. Aspiration hazard – this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

**Inhalation:** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness, dizziness, headache, or nausea. Vapors have a narcotic effect.

**Eye contact:** Causes serious eye irritation.

**Skin contact:** Causes skin irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:** Irritation. Drowsiness and dizziness. May cause damage to organs (Central nervous system) through prolonged or repeated exposure.

**Numerical measure of toxicity, component information:**

Chemical name	CAS	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Acetone	67-64-1	5,800 mg/kg (rat)	> 7,426 mg/kg (rabbit)	> 50.1 mg/L, (rat)
Asphalt, oxidized	64742-93-4	—	>2,000 mg/kg (rabbit)	94.4 mg/m <sup>3</sup>
Carbon black	1333-86-4	> 8,000 mg/kg	—	—
Propane	74-98-6	—	—	1,355 mg/l
Toluene	108-88-3	>5,000 mg/kg	>5,000 mg/kg	12.5 – 28.8 mg/l, 4 hours

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory sensitization:** Not assigned.

**Skin sensitization:** Not expected to cause skin sensitization.

**Germ cell mutagenicity:** May cause genetic defects.

**Carcinogenicity:** May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Asphalt, oxidized (CAS 64742-93-4) 2A Probably carcinogenic to humans.

Carbon Black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

Magnesium Silicate (CAS 14807-96-6) 2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity, single exposure:** May cause drowsiness or dizziness. Narcotic effects.

**Specific target organ toxicity, repeated exposure:** Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. Causes damage to organs through prolonged or repeated exposure.

**Chronic effects:** Prolonged exposure may cause chronic effects. Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard:** May be fatal if swallowed and enters airways.

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#### SECTION 12 ECOLOGICAL INFORMATION

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**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulation potential:** No information available.

**Mobility in soil:** No information available.

**Other adverse effects:** None known.

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#### SECTION 13 DISPOSAL CONSIDERATIONS

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**Unused product:** This product, as sold, if discarded or disposed, is a hazardous waste according to federal regulations. Dispose of container and contents in accordance with local, regional, national and international regulations.

**Contaminated containers or packaging:** Dispose of packaging or containers in accordance with local, regional, national and international regulations.

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#### SECTION 14 TRANSPORT INFORMATION

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Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT (ground), IMDG	Aerosols, Limited Quantity	UN1950	–	2.1
IATA	Check regulations for proper air shipment			

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#### SECTION 15 REGULATORY INFORMATION

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**TSCA:** All components of this product are on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.

**CERCLA:** Acetone (67-64-1)  
Toluene (108-88-3)

**SARA TITLE III:**

**Section 311/312 Hazard Category:**

Acute: Yes      Chronic: Yes      Fire: Yes      Pressure: Yes      Reactive Hazard: No

**Section 313 Reportable Ingredients:** Toluene (108-88-3) 10-20%, Ethyl benzene (100-41-4) 0.01 – 0.1%

**CALIFORNIA (Proposition 65):** Carbon black (1333-86-4), Toluene (108-88-3), Ethyl benzene (100-41-4) 0.01 – 0.1%

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#### SECTION 16 OTHER INFORMATION

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**Date Prepared:** May 29, 2015      **Replaces:** Nov. 09, 2010

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