

SAFETY DATA SHEET

Hawco Products Ltd. H844 & H845 Cemdri Concrete Sealer.

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: H844 H845 Cemdri Concrete Sealer.

Date of Safety Data Sheet: May 28, 2017

Use of Preparation: Sealer.

Company Identification: Hawco Products Ltd.
61 Shaver Street, PO Box 1507
Brantford, Ontario N3T 5V6

Company Emergency Telephone Number Emergency Phone: 519-759-2443

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Flammable Liquids Category 3 H226

Aspiration Hazard Category 1 H304

Skin Irritant Category 2 H315

Eye Irritant 2A H319

Acute Toxicity Inhalation Category 4 H332

Specific Target Organ Toxicity – Single Exposure Category 3 H335

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger

Hazard Statements (GHS):

H226: Flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

Precautionary Statements (GHS):

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- P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P241: Use explosion-proof electrical/ventilating/light/handling/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing vapors.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves /eye protection/face protection.

Response Statements (GHS):

- P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
P312: Call a POISON CENTER/ doctor if you feel unwell.
P331: Do NOT induce vomiting.
P332+313: If skin irritation occurs: Get medical advice/attention.
P337+313: If eye irritation persists get medical advice/attention.
P362: Take off contaminated clothing.
P403: Store in a well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical

Ingredient	CAS#	% by Wt	Classification
Mineral Spirits	64742-48-9	60-100	Flammable Liquids Category 3 – H226 Aspiration Hazard Category 1 – H304 Skin Corrosion/Irritation Category 2 – H315 Serious Eye Damage/Eye Irritation Category 2A – H319 Acute Toxicity Inhalation Category 4 H332 Specific Target Organ Toxicity – Single Exposure Category 3 – H335

4. FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If symptoms persist consult physician.
Eye Contact: Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

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Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water fog, CO2, extinguishing powder, foam.
Unsuitable Extinguishing Media	Do not use a heavy water stream as it may scatter and spread the fire.
Specific Exposure Hazards	Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Closed containers may rupture when exposed to extreme heat. Air oxidation of this product may cause it to spontaneous combust. To avoid spontaneous combustion, prevent residue build-up and soak soiled rags, spray booth filter and overspray in a closed water filled metal container. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition as the container may explode.
Hazardous Combustion Products	None known
<u>Explosion Data:</u>	
Sensitivity to Mechanical Impact:	None.
Sensitivity to Static Discharge:	Static discharge, impact, friction, and heat may ignite exposed chemical material.
Special safety equipment:	Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any powder spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

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Handling: Use appropriate personal protection equipment (PPE).
Avoid inhalation, skin and eye contact.
Ensure good ventilation/exhaustion at the workplace.
Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Closed containers may rupture when exposed to extreme heat. Air oxidation of this product may cause it to spontaneous combust. To avoid spontaneous combustion, prevent residue build-up and soak soiled rags, spray booth filter and overspray in a closed water filled metal container. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition as the container may explode.

Information about fire and explosion protection: Keep respiratory protective device available.
No special measures required.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in a cool location.
Avoid storage near extreme heat or sources of ignition.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well-ventilated area.
Keep container tightly sealed.

Specific end use(s): If exposure exceeds occupational limits (TLV value) wear air purifying respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Use local exhaust or dilution ventilation.
Hand protection: Chemical resistant gloves.
Eye protection: Safety goggles.
Skin protection: Use body-covering clothing.
Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

Mineral Spirits: 5mg/m³ (mist)

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight:	No data available.	Evaporation Rate (BuAc=1):	No data available.
Appearance:	Liquid.	Vapour Density (Air=1):	No data available.
Odour:	Solvent scent.	Specific Gravity:	0.8 g/cm ³ @ 15.5C
Odour Threshold:	No data available.	Solubility in Water:	Not Soluble
PH:	No data available.	Log Pow (calculated):	No data available.

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Melting Point:	No data available.	Autoignition Temperature:	No data available,
Boiling Point/Range:	No data available.	Decomposition Temperature:	No data available.
Flash Point:	42° C / 107° F (CC Method)	Viscosity:	< 20 c St.
Flammable Limits in Air:	Flammable	Percent Volatile by Volume:	No data available.
Lower Explosion limit:	Lower = 0.6%		
Upper Explosion limit:	Upper = 5.5%.		

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Hazardous gases and vapors produced in fire are oxides of carbon.
Materials to avoid	Oxidizing agents
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification

Routes of Entry Inhalation, ingestion, eye or skin contact

Mineral Spirits CAS # 64742-48-9:

Oral: LD 50 > 5g/kg-bw

Dermal: LD 50 > 2g/kg-bw

Inhalation: LC 50=2.18 mg/L (Vapour) 4 hour Rat.

Carcinogenicity:

Chemical Name CAS Number IARC NTP OSHA

No ingredient listed.

Chronic Effects:

Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No data available for mixture.

Reproductive: No evidence of negative reproductive effects.

Target Organ Effects:

Acute: No information available

Chronic: None known

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	No data available
Mobility in Soil:	Not available.
Other Adverse Effects	

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Other Information:	Avoid release to the environment.
Aquatic Toxicity:	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
Toxicity to algae, fish invertebrates	No data available
Biodegradation:	No data available.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

Empty Containers: Do not pierce, drill or burn even after use. Container under pressure.

14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Regulated Material

Proper Shipping Name: Paint

Contains: Mineral Spirits

Hazard Class: 3

ID Number: UN 1263

Packing Group: III



U.S. Department of Transportation (DOT): Regulated Material

Proper Shipping Name: Paint

Contains: Mineral Spirits

Hazard Class: 3

ID Number: UN 1263

Packing Group: III



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Paint

Contains: Mineral Spirits

Hazard Class: 3

ID Number: UN 1263

Packing Group: III

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Air Transportation (IATA): Regulated Material

Proper Shipping Name: Paint

Contains: Mineral Spirits

Hazard Class: 3

ID Number: UN 1263

Packing Group: III



15. REGULATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

HMIS III Rating

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Health: 3 Serious Hazard

Flammability: 3 Serious Hazard

Physical: 2 Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: May 28, 2017

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet