

SAFETY DATA SHEET

Product name: HammerHead® Resin – Bluelight Resin

Date: 05/01/2019

SECTION 1 - IDENTIFICATION

Product name: HammerHead Resin – Bluelight Resin

Chemical name: Light Cure Resin

Recommended use: Resin for use in pipeline repair using LED light cure.

Supplier Information:

HAMMERHEAD TRENCHLESS

500 South C.P. Avenue

Lake Mills, WI 53551 USA

Customer Information Phone: 920-648-4848

EMERGENCY TELEPHONE NUMBER

24-Hour Emergency Contact: (Environmental Management) 800-510-8510

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification

This material is considered hazardous under the criteria of the OSHA Hazard Communication Standard 29CFR 1910.1200.

Hazard Class	Category	Hazard Statement Codes	Hazard Statements
Sensitization, Skin	1	H317	May cause an allergic skin reaction

Label elements

Hazard pictograms



GHS 07

Signal word: **WARNING**

Precautionary statements

Prevention

P280

Wear protective gloves: <1 hour (breakthrough time): Butyl rubber (0.5mm).

P261

Avoid breathing vapor.

P272

(OSHA) Contaminated work clothing must not be allowed out of the workplace.

Response

P302 + P352 + P363

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

P333 + P313

If skin irritation or rash occurs: Get medical attention.

Storage

Not applicable.

Disposal

P501

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

Other hazards

None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	EC #	Concentration, %
Multifunctional Acrylate	--	--	5 – 10
Photo-initiators	--	--	0.1 - 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Substance: Mixture

Other means of identification: Not available.

CAS number: Not applicable.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 - FIRST AID MEASURES

Description of first aid measures

- Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact:** Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** No known significant effects or critical hazards.
- Inhalation** No known significant effects or critical hazards.
- Skin contact** May cause an allergic skin reaction.
- Ingestion** No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** No specific data.
- Inhalation** No specific data.
- Skin contact** Adverse symptoms may include the following: irritation, redness
- Ingestion** No specific data.

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

- Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** No specific treatment.
- Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides, (dense) black smoke, aldehydes, organic acids.

Special protective equipment and precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

Remark: Combustible when exposed to heat or flame.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follow. Contain and collect spillage with non-combustible absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Do not store above the following temperature: 30°C (86°F). Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store in original container, protected from direct sunlight.

Keep away from heat and direct sunlight.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters/Occupational exposure limit values: None.

Appropriate engineering controls: Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures:

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. < 1 hour (breakthrough time): Butyl rubber (0.5 mm)

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure properly fitting, training, and other important aspects of use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid. [Hazy liquid]
Color	Yellow to Greenish
Odor	Typical
Odor Threshold	Not available
pH	7 (Concentration 0.02%)
Melting point	Not available
Boiling point	Not available
Flash point	Closed cup: 235.4°F (113°C) [Pensky-Martens.] [Product does not sustain combustion.]
Evaporation Rate	Not available
Flammability (solid, gas)	Combustible when exposed to heat or flame.
Upper/ lower flammability or explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.1 (water = 1)
Density (g/cm³)	1.1 g/cm ³ (23°C)
Bulk density	1100 kg/m ³ (Temperature: 23°C)
Solubility	Insoluble in the following materials: cold water and hot water
Solubility at room temperature	<0.02 g/l
Solubility in water	<0.02 g/100 ml
Partition coefficient n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Dynamic (room temperature): 1000 to 1400 mPas (1000 to 1400 cP) Kinematic (room temperature): >9.09 cm ² /s (>909 cSt) Kinematic (40°C (104°F)): >0.205 cm ² /s (>20.5 cSt)

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable. Stable under recommended storage and handling conditions (see Section 7).

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Incompatible materials: Strong acids

Hazardous decomposition products: No specific data.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Multifunctional Acrylate	LD50 Dermal	Rabbit	>3000 mg/kg	-
	LD50 Oral	Rat – Male, Female	10066 mg/kg	-
Photo-initiators	LD50 Dermal	Rat – Male, Female	>2000 mg/kg (LD0 = 2000 mg/kg)	-
	LD50 Oral	Rat – Male, Female	>2000 mg/kg (LD0 = 2000 mg/kg)	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Multifunctional Acrylate	Skin – Edema	Rabbit	<0.1	24 hours 0.5 ml	24 to 72 hours
	Skin – Erythema/Eschar	Rabbit	<0.1	24 hours 0.5 ml	24 to 72 hours
	Eyes – Cornea opacity	Rabbit	<0.1	0.1 ml	24 to 72 hours
	Eyes – Iris lesion	Rabbit	<0.1	0.1 ml	24 to 72 hours
	Eyes – Redness of the conjunctivae	Rabbit	<0.1	0.1 ml	24 to 72 hours
	Eyes – Edema of the conjunctivae	Rabbit	<0.1	0.1 ml	24 to 72 hours
Photo-initiators	Skin – Erythema/Eschar	Rabbit	0	4 hours 0.5 g	24 to 72 hours
	Skin – Edema	Rabbit		4 hours 0.5 g	24 to 72 hours
	Eyes – Cornea opacity	Rabbit	0	0.1 ml	24 to 72 hours
	Eyes – Iris lesion	Rabbit	0.11	0.1 ml	24 to 72 hours
	Eyes – Redness of the conjunctivae	Rabbit	1.11	0.1 ml	24 to 72 hours
	Eyes – Edema of the conjunctivae	Rabbit	0.66	0.1 ml	24 to 72 hours

Sensitization

Product/ingredient name	Route of Exposure	Species	Result
Multifunctional Acrylate	Skin	Mouse	Sensitizing
Photo-initiators	Skin	Guinea pig	Sensitizing

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Multifunctional Acrylate	OECD 471 Bacterial Reverse Mutation Test	Experiment: In vitro Subject: Bacteria Metabolic activation: Without & With	Negative
	OECD 473 <i>In vitro</i> Mammalian Chromosomal Aberration Test	Experiment: In vitro Subject: Mammalian-Animal Cell: Germ Metabolic activation: Without & With	Negative
	OECD 476 <i>In vitro</i> Mammalian Cell Gene Mutation Test	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic Metabolic activation: Without & With	Negative
	OECD 474 Mammalian Erythrocyte Micronucleus Test	Experiment: In vitro Subject: Mammalian-Animal	Negative
Photo-initiators	OECD 471 Bacterial Reverse Mutation Test	Experiment: In vitro Subject: Bacteria Metabolic activation: Without & With	Negative
	OECD 476 <i>In vitro</i> Mammalian Cell Gene Mutation Test	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic Metabolic activation: Without & With	Negative
	OECD 473 <i>In vitro</i> Mammalian Chromosomal Aberration Test	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic Metabolic activation: Without & With	Negative

Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Multifunctional Acrylate	Negative – Inhalation – NOAEC	Mouse – Male, Female	≥ 4100 mg/m ³ (Highest tested dose)	102 weeks; 6 hours per day 5 days per week
	Negative – Inhalation – NOAEC	Rat - Male	≥ 4100 mg/m ³ (Highest tested dose)	102 weeks; 6 hours per day 5 days per week
	Negative – Inhalation – NOAEC	Rat – Female	≥ 2050 mg/m ³	102 weeks; 6 hours per day 5 days per week

Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
Multifunctional Acrylate	-	Negative	-	Rat – Male, Female	Oral: 400 mg/kg / day (P0 – NOAEL – Highest tested dose)	-
	-	-	Negative	Rat – Male, Female	Oral: 400 mg/kg / day (F1 – NOAEL – Highest tested dose)	-
Photo-initiators	-	-	Negative	Rat	Oral: ≥ 1000 mg/kg / day (Highest tested dose)	-

Teratogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Multifunctional Acrylate	Negative – Oral	Rabbit	450 mg/kg /day (NOAEL – Highest tested dose)	-
	Negative – Inhalation	Rat	≥ 8300 mg/m ³ / day (NOAEL – Highest tested dose)	6 hours per day

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure: Not available

Potential acute health effects**Eye contact:** No known significant effects or critical hazards.**Inhalation:** No known significant effects or critical hazards.**Skin contact:** May cause an allergic skin reaction.**Ingestion:** No known significant effects or critical hazards.**Symptoms related to the physical, chemical and toxicological characteristics****Eye contact:** No specific data.**Inhalation:** No specific data.**Skin contact:** Adverse symptoms may include the following: irritation, redness**Ingestion:** No specific data.**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure****Potential immediate effects:** Not available.**Potential delayed effects:** Not available.**Long term exposure****Potential immediate effects:** Not available.**Potential delayed effects:** Not available.

Potential chronic health effects

Product/ingredient name	Result	Species	Dose	Exposure
Multifunctional Acrylate	Sub-acute NOAEL Oral	Rat – Male, Female	300 mg/kg /day	-
	Sub-chronic NOAEL Inhalation Vapor	Rat – Male, Female	0.352 mg/l	90 days; 6 hours per day 5 days per week
Photo-initiators	Sub-acute NOAEL Oral	Rat – Male, Female	1000 mg/kg /day (Highest tested dose)	-
	Sub-chronic NOAEL Oral	Rat – Male, Female	300 mg/kg / day	-

General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity**Acute toxicity estimates**

Not available.

SECTION 12 - ECOLOGICAL INFORMATION**Toxicity**

Product/ingredient name	Result	Species	Exposure
Multifunctional Acrylate	Acute EC50 9.79 mg/l Fresh water	Algae	72 hours
	Acute LC50 32.5 mg/l Fresh water	Fish	48 hours
	Acute NOEC 5.09 mg/l Fresh water	Daphnia	21 days
Photo-initiators	Acute EC50 \geq 0.26 mg/l Fresh water	Algae	72 hours
	Acute EC 50 $>$ 1.175 mg/l Fresh water	Daphnia	48 hours
	Acute EC ₀ 0.003 mg/l Fresh water	Daphnia	48 hours
	Acute LC50 $>$ 0.09 mg/l Fresh water	Fish	96 hours
	Chronic EC50 \geq 0.0081 mg/l Fresh water	Daphnia	21 days

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Multifunctional Acrylate	OECD 310 Ready Biodegradability – CO ₂ in Sealed Vessels (Headspace Test)	84% - Readily – 28 days	-	Activated sludge
Photo-initiators	OECD 301B Ready Biodegradability – CO ₂ Evolution Test	1% - 29 days	10 mg/l	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Multifunctional Acrylate	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Multifunctional Acrylate	3.1	-	Low
Photo-initiators	5.8	<5	Low

Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available.

Other adverse effects: No known significant effects or critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when

recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORT INFORMATION

Land transport, U.S. DOT Not regulated

Sea transport, IMDG Not regulated.

Air transport, IATA: Not regulated.

TDG Classification: Not regulated.

Mexico Classification: Not regulated.

ADR/RID: Not regulated.

Special precautions for user: Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available.

SECTION 15 - REGULATORY INFORMATION

U.S. Regulations: United States inventory (TSCA 8b): Not determined.

OSHA Hazard Communication Standard: This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602:

Class I Substances: Not listed.

Class II Substances: Not listed.

DEA List I Chemicals (Precursor Chemicals): Not listed.

DEA List II Chemicals (Essential Chemicals): Not listed.

Form R – Reporting Requirements
Supplier notification

State regulations

Massachusetts: The following components are listed: DIATOMACEOUS EARTH; AMORPHOUS SILICA

New York: None of the components are listed.

New Jersey: The following components are listed: Silicon dioxide (amorphous)

Pennsylvania: The following components are listed: SILICA

California Prop. 65

Not available

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Ingredient name	List name	Status
Not listed.		

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Ingredient name	List name	Status
Not listed.		

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Ingredient name	List name	Status
Not listed.		

International lists

Canada inventory: Not determined.

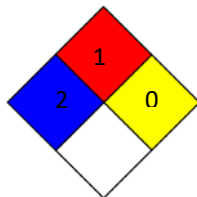
SECTION 16 - OTHER INFORMATION

KEY TO ABBREVIATIONS	
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
LogPow	Logarithm of the octanol/water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN	United Nations

Health: 2

Flammability: 1

Instability/Reactivity: 0

**Procedure used to derive the classification**

Classification: SKIN SENSITIZATION – Category 1

Justification: Calculation method

Latest revision date: 05/01/2019 Emergency Contact Update**Date of the previous revision:** February 15, 2019 – Version 1 (Code 021822WW66448)

HAMMERHEAD TRENCHLESS urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. HammerHead Trenchless makes no warranty with respect to the accuracy of the information provided by their suppliers and disclaims all liability of reliance thereof. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.