

SAFETY DATA SHEET

This Safety Data Sheet has been prepared to conform to EU Regulation No. 1907/2006 and 2015/830.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: PROSEAL GAS TANK & RADIATOR REPAIR .07 O - RESIN

Part Number: 11720043_N62020 - RESIN

SDS Date of Preparation: November 22, 2016

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Use to seal small holes, cracks or split seams. This product is part of a two part product. Read and understand the hazard information on the SDS for the Gas Tank and Radiator Repair - Hardener before using this product.

Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761

Information Phone Number: (909) 987-0550

E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Eye Irritant Category 2 (H319) Skin Irritant Category 2 (H315) Skin Sensitizer Category 1 (H317)	Aquatic Chronic Toxicity Category 2 (H411)

2.2 Label Elements:

Warning!



Contains: Epoxy Resin

Hazard Phrases

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Phrases

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.

P280	Wear protective gloves and eye protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Epoxy Resin	25068-38-6	500-033-5	Eye Irrit. Cat 2 (H319), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1 (H317), Aquatic Chronic Cat 2 (H411)	30-60
Chlorinated paraffin waxes	63449-39-8	264-150-0	Not Classified	1-5
Crystalline Silica, Quartz (Non-respirable)	14808-60-7	238-878-4	Not Classified	0.1-1

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Immediately flush eyes with large quantities of water for 15 minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and shoes. Flush skin with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if irritation or symptoms of exposure occurs and persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause moderate eye and skin irritation. May cause skin sensitization. Inhalation of dust may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use media appropriate for surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: None known.

Combustion Products: Oxides of carbon, halogenated compounds, and carbonyl halides.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing dust. Ventilate area.

6.2 Environmental Precautions:

Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Wipe up or scoop up and place into a container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing dust. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from incompatible materials. Keep container tightly closed when not in use. Do not store above 35°C (95°F). Keep away from sunlight and sources of ignition. Protect from freezing.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control Parameters:**

Chemical Name	Exposure Limits
Epoxy Resin	None Established
Chlorinated paraffin waxes (as paraffin wax, fume or respirable dust)	2 mg/m ³ TWA, 6 mg/m ³ STEL UK WEL 2 mg/m ³ TWA Belgium OEL
Crystalline Silica, Quartz (Non-respirable)	0.1 mg/m ³ TWA UK WEL (respirable) 0.1 mg/m ³ TWA Belgium OEL

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: In operations where the occupational exposure limits are exceeded, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety goggles are recommended. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic Physical and Chemical Properties:**

Appearance: Gray putty-like paste

Vapor Density: Not applicable

Odor: Ethereal odor	Solubility(ies): Insoluble in water
Odor Threshold: No data available	Partition Coefficient (Octanol/Water): Not applicable
pH: Not applicable	Auto-ignition Temperature: No data available
Melting Point/Freezing Point: No data available	Decomposition Temperature: >200°C (>392°F)
Initial Boiling Point/Range: Not applicable	Viscosity: No data available
Flash Point: >93°C (>200°F)	Explosive Properties: Not explosive
Evaporation Rate: No data available	Oxidizing Properties: Not an oxidizer
Flammable Limits: LEL: No data available UEL: No data available	Relative Density: 1.666
Vapor Pressure: Not applicable	Flammability (solid, gas): Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Product may react if exposed to incompatible materials.

10.4 Conditions to Avoid: Avoid temperatures above 148°C (300°F).

10.5 Incompatible Materials: Strong acids, oxidizing agents, mineral and organic bases and especially aliphatic amines.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon, halogenated compounds, and carbonyl halides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: Direct contact may cause moderate eye irritation.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of mists or vapors may cause respiratory tract irritation with coughing and sneezing.

Ingestion: May cause gastrointestinal tract irritation.

Chronic Hazards: None known.

Acute Toxicity Values:

Epoxy Resin: Oral rat LD50: >2000 mg/kg, Skin rabbit LD50: >5000 mg/kg

Chlorinated paraffin Waxes: Oral rat LD50: >5000 mg/kg

Crystalline Silica, Quartz: Oral Rat LD50: >10,000 mg/kg, Skin rabbit LD50: >5000 mg/kg

Skin corrosion/irritation: Epoxy Resin: Found to be slight to moderately irritating to rabbit skin.

Eye damage/irritation: Epoxy Resin: Found to be slightly irritating to rabbit eyes. This component is classified as an eye irritant by the CLP.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: Epoxy Resin: Sensitizing in Mouse Local Lymphnode assay (LLNA) and Guinea pig maximization test.

Germ Cell Mutagenicity: Epoxy Resin: Negative in an In-Vivo Dominant Lethal Assay with mice and in an In-Vivo Micronucleus assay with mice.

Carcinogenicity: None of the components of this product are listed as carcinogens by the EU CLP.

Reproductive Toxicity: Epoxy Resin: A reproduction study with the Epoxy Resin in which groups of rats were administered the test material daily over two generations. Groups of 30 male and 30 female Sprague-Dawley rats were administered dose levels of 0, 50, 180, 540 and 750 mg/kg/day by oral gavage for approximately 14 weeks prior to breeding. No effects on fertility and early embryonic development were detected. The NOEL for adult males was considered to be 50 mg/kg/day, NOEL for adult females was 540 mg/kg/day, and the NOEL for reproductive effects was 750 mg/kg/day. No teratogenic effects were seen in female rats were given Epoxy resin by oral gavage. The NOAEL was 180 mg/kg.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: Epoxy Resin: Based on alterations in body weights and serum cholesterol in rats given 50 mg/kg/day, a NOEL was not determined. However, since these alterations were not associated with detrimental effects, the dose of 50 mg/kg/day was interpreted to be the NOAEL.

Aspiration Hazard: Components are not aspiration hazards.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Epoxy Resin: 96 hr LC50 Rainbow trout: 1.2-3.6 mg/L, 48 hr EC50 Daphnia magna: 1.1-2.8 mg/L, 21 day NOEC Daphnia magna: 0.3 mg/L

Chlorinated paraffin Waxes: 96 hr LC50 Rainbow trout: >770 mg/L

This product is classified as toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Epoxy Resin: Not biodegradable- 12% in 28 days.

12.3 Bioaccumulative Potential: Epoxy Resin: Bio concentration potential is moderate (BCF 100 - 3000 or Log Pow 3-5)

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)	9	III	Yes
IMDG	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)	9	III	Marine Pollutant
IATA/ICAO	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)	9	III	Yes

Note: Inner packages with less than 5 liters of liquid/ 5 kg of solid are exempt from Marine Pollutant per IMDG Code 2.10.2.7 and ICAO Special Provision A197.

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: November 22, 2016

Revision Summary: New SDS

Date of Previous Revision: None

GHS Classification for Reference (See Sections 3):

Aquatic Chronic Cat 2 Aquatic Chronic Toxicity Category 2

Eye Irrit. Cat 2 Eye Irritant Category 2

Skin Irrit. Cat 2 Skin Irritant Category 2

Skin Sens. Cat 1 Skin Sensitizer Category 1

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.

This Safety Data Sheet has been prepared to conform to EU Regulation No. 1907/2006 and 2015/830.

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION
AND THE COMPANY/UNDERTAKING**

1.1 Product Identifier:

Trade Name: PROSEAL GAS TANK & RADIATOR REPAIR .07 O - HARDENER

Part Number: 11720043_N62020 - HARDENER

SDS Date of Preparation: November 22, 2016

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Use to seal small holes, cracks or split seams. This product is part of a two part product. Read and understand the hazard information on the SDS for the Gas Tank and Radiator Repair - Resin before using this product.

Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761

Information Phone Number: (909) 987-0550

E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Eye Damage Category 1 (H318) Skin Irritant Category 2 (H315) Skin Sensitizer Category 1A (H317)	Aquatic Chronic Toxicity Category 2 (H411)

2.2 Label Elements:

Danger!



Contains: Proprietary Amine Hardener

Hazard Phrases

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Phrases

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.

P280	Wear protective gloves and eye protection.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Proprietary Amine Hardener	Proprietary	Proprietary	Eye Dam. Cat 1 (H318), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1A (H317), Aquatic Chronic Cat 2 (H411)	10-30
Crystalline Silica, Quartz (Non-respirable)	14808-60-7	238-878-4	Not Classified	0.1-1

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Immediately flush thoroughly with water for 20 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do. Get immediate medical attention.

Skin: Remove contaminated clothing and shoes. Flush skin with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if irritation or symptoms of exposure occurs and persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Direct contact may cause severe eye irritation with possible eye damage. May cause skin irritation. May cause skin sensitization. Inhalation of dust may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is required for eye contact.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use media appropriate for surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: None known.

Combustion Products: Oxides of carbon and nitrogen.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing dust. Ventilate area.

6.2 Environmental Precautions:

Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Wipe up or scoop up and place into a container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing dust. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from large masses of epoxy resins and other incompatible materials. Keep container tightly closed when not in use. Do not store above 35°C (95°F). Keep away from sunlight and sources of ignition. Protect from freezing.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control Parameters:**

Chemical Name	Exposure Limits
Proprietary Amine Hardener	None Established
Crystalline Silica, Quartz (Non-respirable)	0.1 mg/m3 TWA UK WEL (respirable) 0.1 mg/m3 TWA Belgium OEL

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: In operations where the occupational exposure limits are exceeded, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety goggles are recommended. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic Physical and Chemical Properties:**

Appearance: Black putty-like paste	Vapor Density: Not applicable
Odor: Amine-like odor	Solubility(ies): Insoluble in water
Odor Threshold: No data available	Partition Coefficient (Octanol/Water): Not applicable
pH: Not applicable	Auto-ignition Temperature: No data available
Melting Point/Freezing Point: No data available	Decomposition Temperature: >200°C (>392°F)

Initial Boiling Point/Range: Not applicable	Viscosity: No data available
Flash Point: >93°C (>200°F)	Explosive Properties: Not explosive
Evaporation Rate: No data available	Oxidizing Properties: Not an oxidizer
Flammable Limits: LEL: No data available UEL: No data available	Relative Density: 1.666
Vapor Pressure: Not applicable	Flammability (solid, gas): Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Product may react if exposed to incompatible materials.

10.4 Conditions to Avoid: Avoid temperatures above 148°C (300°F).

10.5 Incompatible Materials: Strong oxidizing agents and amines.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: Direct contact may cause severe eye irritation with possible eye damage.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of mists or vapors may cause respiratory tract irritation with coughing and sneezing.

Ingestion: May cause gastrointestinal tract irritation.

Chronic Hazards: None known.

Acute Toxicity Values:

Proprietary Amine Hardener: Oral rat LD50: >2000 mg/kg, Skin rat LD50: >2000 mg/kg

Crystalline Silica, Quartz: Oral Rat LD50: >10,000 mg/kg, Skin rabbit LD50: >5000 mg/kg

Skin corrosion/irritation: Proprietary Amine Hardener: Considered to be irritating to skin in the in-vitro skin model EpiDerm™ test system.

Eye damage/irritation: Proprietary Amine Hardener: Irreversible effects on the eye were seen on rabbit eyes within a 21 days observation period.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: Proprietary Amine Hardener: Sensitizing in Mouse local lymphnode assay (LLNA).

Germ Cell Mutagenicity: Proprietary Amine Hardener: Negative with and without metabolic activation in In-vitro mammalian cell micronucleus test.

Carcinogenicity: None of the components of this product are listed as carcinogens by the EU CLP.

Reproductive Toxicity: No data available

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available

Aspiration Hazard: Components are not aspiration hazards.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Proprietary Amine Hardener: 96 hr LC50 Zebra fish: 7.07 mg/L, 48 hr EC50 Daphnia magna: 5.18 mg/L

This product is classified as toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Proprietary Amine Hardener: Not inherently biodegradable in water screening tests- 15% after 28 days, 19% after 60 days.

12.3 Bioaccumulative Potential: No data available

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Proprietary Amine Hardener)	9	III	Yes
IMDG	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Proprietary Amine Hardener)	9	III	Marine Pollutant
IATA/ICAO	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Proprietary Amine Hardener)	9	III	Yes

Note: Inner packages with less than 5 liters of liquid/ 5 kg of solid are exempt from Marine Pollutant per IMDG Code 2.10.2.7 and ICAO Special Provision A197 and can be shipped as unregulated..

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: November 22, 2016

Revision Summary: New SDS

Date of Previous Revision: None

GHS Classification for Reference (See Sections 3):

Aquatic Chronic Cat 2 Aquatic Chronic Toxicity Category 2

Eye Dam. Cat 1 Eye Damage Category 1

Skin Irrit. Cat 2 Skin Irritant Category 2

Skin Sens. Cat 1A Skin Sensitizer Category 1A

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.