SAFETY DATA SHEET

Date Issued : 08/01/2018
SDS No : 11720033_N24206
Date Revised : 07/13/2021
Revision No : 2

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: Threadlocker/Adhesive
PRODUCT DESCRIPTION: PROSEAL PRO LOK REMOVABLE BLUE 6ML (12)
PRODUCT CODE: 11720033_N24206

MANUFACTURER

Pacer Technology
3281 E. Guasti Road, Suite 260
Ontario, CA 91761
Emergency Contact: Chemtrec
Emergency Phone: (800) 424-9300
Customer Service: (909) 987-0550

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin corrosion/irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Skin sensitisation, Category 1

Environmental:

Aquatic Hazard (Acute), Category 3

GHS LABEL

Note: If this product is a consumer product it is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.



Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H402: Harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention:

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264: Wash skin and hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P270: Do not eat, drink or smoke when using this product.

Response:

P302+352: IF ON SKIN: Wash with plenty of soap and water.
P304+P312: IF INHALED: Call a POISON CENTER/doctor/...if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337: If eye irritation persists: seek medical attention.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P321: For specific first aid treatment (See Section 4 of this Safety Data Sheet).
P363: Wash contaminated clothing before reuse.
P370+378: In case of fire, CO2, Halon (if permitted), dry chemical, or foam for extinction.
P362+P364: Take off contaminated clothing and wash it before reuse.

Storage:

P405: Store locked up.
P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents through a licensed treatment, storage, disposal facility (TSDF).

HAZARDS NOT OTHERWISE CLASSIFIED: KEEP OUT OF REACH OF CHILDREN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Hydroxypropyl methacrylate	≥ 25	27813-02-1
2,6-di-tert-butyl-p-cresol	< 5	128-37-0

4. FIRST AID MEASURES

EYES: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking, or redness persist.

SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Consult a doctor/medical service.

INGESTION: Rinse mouth with water. Drink plenty of water. Do NOT induce vomiting. Consult a doctor/medical service if you feel unwell.

INHALATION: If breathing is difficult remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation of the eye tissue.

SKIN: Red skin. Skin rash/inflammation.

INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.

INHALATION: Coughing. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

ACUTE EFFECTS: Mild to moderate irritation to skin near affected areas. Vapor of this product may be mildly to moderately irritating to the eyes and mucous membranes. Symptoms of overexposure may include redness, itching, irritation and watering. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.

CHRONIC EFFECTS: None known.

ADDITIONAL INFORMATION: Symptoms of Overexposure: Symptoms of skin overexposure in some sensitive individuals may include redness, itching, and irritation of affected areas. Overexposure of vapor in eyes may cause redness, itching, and watering.

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Target Organs: Eyes, Skin, Respiratory System.
Medical Conditions Aggravated by Exposure: Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory).

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to for toxic gases (e.g., CO, CO2, Hydrocarbons).

EXTINGUISHING MEDIA: CO2, Dry Chemical, Halon (if permitted), Alcohol Foam. Use water spray to cool containers.

FIRE FIGHTING PROCEDURES: Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Use water spray to cool fire-exposed surfaces and to protect personnel. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: For small spills (e.g., < 1 gallon (3.8L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing wash thoroughly before reuse.

LARGE SPILL: For large spills (e.g., >= 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth.) Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.

GENERAL PROCEDURES: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Stop Release. ventilate area. Stop leak if safe to do so.

SPECIAL PROTECTIVE EQUIPMENT: Gloves. Protective clothing. Safety glasses.

7. HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact. Avoid breathing vapors of this product. Use eye protection when using this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

STORAGE: Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool dry location, away from direct sunlight, other light sources or sources of intense heat. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
2,6-di-tert-butyl-p-cresol		**TWA ACGIH TLV (Inhalable fraction and vapor)**		2

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ENGINEERING CONTROLS: General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove or prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g. sink, safety shower, eye-wash station).

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses equipped with side shields should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing or spraying is anticipated. Wear goggles and face shield if material is heated above 125F (51C). Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

SKIN: Avoid prolonged and/or repeated skin contact.

RESPIRATORY: No special respiratory protection is required under typical circumstances of use or handling. In instances where mist or vapors of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR 1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

PROTECTIVE CLOTHING: Use gloves constructed of chemical-resistant materials such us neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states. Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild cumene odor

ODOR THRESHOLD: Not Established

APPEARANCE: Blue Liquid

pH: No Data Available

FLASH POINT AND METHOD: > 93°C (199.4°F)

LOWER EXPLOSION LIMIT: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: <6.67 mbar

VAPOR DENSITY: No data available

BOILING POINT: > 148 C (>298.4 F)

FREEZING POINT: No data available

MELTING POINT: No data available

DECOMPOSITION TEMPERATURE: No data available

SOLUBILITY IN WATER: Insoluble

PARTITION COEFFICIENT: N-OCTANOL/WATER: No data available

EVAPORATION RATE: No data available

SPECIFIC GRAVITY: 1.1 g/cm3

VISCOSITY: No data available

(VOC): < 3%

10. STABILITY AND REACTIVITY

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HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

STABILITY: Stable under normal conditions; unstable with heat or contamination.

CONDITIONS TO AVOID: Open flames, sparks, high heat, incompatible substances and direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon (CO, CO2).

INCOMPATIBLE MATERIALS: Avoid extreme heat and ignition sources, strong acids and alkali, reactive metals, inert gases, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

NOTES: **Hydroxypropyl Methacrylate (27813-02-1):** LD50 oral rat >= 2000mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/Female, Experimental value, Oral).
LD50 dermal rabbit: >= 5000 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
ATE US (oral): 500 mg/kg body weight

2,6-di-ter-butyl-p-cresol (128-37-0): LD50 oral rat 890 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >6000 mg/kg bodyweight; Rat
LD50 dermal rat: > 2000 mg/kg (Rat; Literature study; OECD 402: Acute Dermal Toxicity; >2000 mg/kg bodyweight; Rat; Experimental value
ATE US (oral): 890 mg/kg body weight

SKIN CORROSION/IRRITATION: Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITISATION: May cause an allergic skin reaction.

GERM CELL MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: hydroxypropyl methacrylate (27813-02-1)
Ecology - soil: Low potential for adsorption in soil.

2,6-di-tert-butyl-p-cresol (128-37-0)
Ecology - soil: May be harmful to plant growth, blooming and fruit formation.

BIOACCUMULATION/ACCUMULATION: hydroxypropyl methacrylate (27813-02-1): Persistence and degradability: Readily biodegradable in water.

2,6-di-tert-butyl-p-cresol (128-37-0): Persistence and degradability: Not readily biodegradable in water. Biodegradable in the soil. Adsorbs into the soil. Low potential for mobility in soil. Photooxidation in the air.
Biochemical oxygen demand (BOD): 0.51 g O□/g substance
Chemical oxygen demand (COD) : 2.27 g O□/g substance
ThOD: 2.977 g O□/g substance
BOD (% of ThOD) : 0.17 % ThOD

Bioaccmulative Potential

hydroxypropyl methacrylate (27813-02-1)
BCF fish 1: <= 100 (Pisces)
BCF fish 2: 3.2 (Pisces, QSAR)
Log Pow: 0.97 (OECD 102: Melting Point/Melting Range)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).

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2,6-di-tert-butyl-p-cresol (128-37-0)
BCF fish 1: 230 - 2500 (56 days; Cyprinus carpio)
Log Pow: 5.1 (Experimental value)
Bioaccumulative potential: Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, provincial, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: EXCEPTED FROM REGULATION per 49 CFR 171.4(c)(2)

AIR (ICAO/IATA)

SHIPPING NAME: EXCEPTED FROM REGULATION per Special Provision A197

VESSEL (IMO/IMDG)

SHIPPING NAME: EXCEPTED FROM REGULATION per IMDG Code 2.10.2.7

COMMENTS: The transport information provided in this section only applies to the material formulation/itself, and is not specific to any package/configuration. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organizations to follow all applicable laws, regulations, and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: Ethylene Glycol (107-21-1) < 5%. Benzoquinone (106-51-4) < 5%, Cumene (98-82-8) 0.02-0.155%

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product has an RQ of 200 lbs (based on the RQ of Benzoquinone of 10 lbs present at < 5%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All of the ingredients of this product are listed on the TSCA inventory or exempt.

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): None of the ingredients are listed as Hazardous Air Pollutants (HAPs). This product does not contain any Class 1 or Class 2 ozone depletors.

REGULATIONS

STATE REGULATIONS: Saccharin is found on the following state criteria list: FL, MA, MN, NJ, PA and WI. Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know-List (NJ), Pennsylvania Right-to-Know List (PA), and Wisconsin Hazardous Substances List (WI). Cumene Hydroperoxide is found on the following state criteria list: FL, MA, NJ, PA, and WA.
No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following stated criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substance List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).

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CALIFORNIA PROPOSITION 65: ⚠ **WARNING:** This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer, and Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

APPROVED BY: Pacer Technology Regulatory Affairs Department

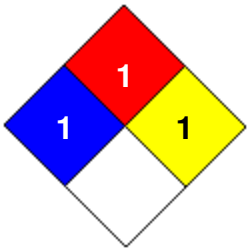
PREPARED BY: Pacer Technology Regulatory Affairs Department **Date Revised:** 07/13/2021

REVISION SUMMARY: This SDS replaces the 04/03/2019 SDS. Revised: **Section 2:** GHS CLASSIFICATIONS, GHS LABEL, PRECAUTIONARY STATEMENTS.

HMIS RATING

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

NFPA CODES



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