MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SONLOK 3592 Thread Sealant
Product Type: Anaerobic Sealant
Company Address: PARSON ADHESIVES, Inc., 675 Tennyson, Rochester, MI 48307
EMERGENCY PHONE: 1-877-805-0185

2. Composition/Information on Ingredients

Hazardous components	CAS # %	ACGIH	TLV	OSHA PEL
Polyglycol dimethacrylate	25852-47-5	60-100	None	None
Polyglycol oleate	9004-96-0	10-30	None	None
Saccharin	81-07-2	1-5	None	None
Silica, amorphous, fumed, crystalline-free	112945-52-5	1-5	6 mg/m3 TWA	10 mg/m3 TWA
Cumene hydroperoxide	80-15-9	1-5	None	None
Propylene glycol	57-55-6	1-5	None	None
PTFE		1-3	None	None

3. HAZARDS IDENTIFICATION

Relevant routes of exposure: Skin, Inhalation, Eyes
Potential Health Effects
Inhalation: May cause respiratory tract irritation.
Skin contact: May cause allergic skin reaction. May cause skin irritation.
Eye contact: Contact with eyes will cause irritation.
Ingestion: Not expected to be harmful by ingestion.

HMIS:

HEALTH: 1 **FLAMMABILITY: 1** **REACTIVITY: 1** **PPE: H**

WARNING: CAUSES EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: Greater than 93ºC (200ºF) Cleveland closed cup
Autoignition temperature: Not available
Flammable/Explosive limits-lower %: 2.6 % (propylene glycol)
Flammable/Explosive limits-upper %: 12.5 % (propylene glycol)
Extinguishing media: Foam, dry chemical or carbon dioxide.
Special fire fighting procedures: None
Unusual fire or explosion hazards: None
Hazardous combustion products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.
Clean-up methods: Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
Storage: For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, Sparks and open flame. Keep container tightly closed until ready for use.
Incompatible products: Refer to Section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.
Eye/face protection: Safety goggles or safety glasses with side shields.
See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: **White**
Odor: Mild
Vapor pressure: Less than 5 mm Hg at 27ºC (80ºF)
pH: Not applicable
Boiling point/range: Greater than 149ºC (300ºF)
Melting point/range: Not available
Specific gravity: 1.1 at 23.9ºC (75ºF)
Vapor density: Not available
Evaporation rate: Not available
Solubility in water: Slight
VOC content: 4.39%; 48.6 grams/liter (EPA Method 24)

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapors.
Incompatability: Strong oxidizers. Free radical initiators. Strong reducing agents. Alkalis. Oxygen scavengers. Other polymerization initiators. Copper. Iron. Zinc. Aluminum. Rust.
Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatabilty" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Acute oral LD50 greater than 10, 000 mg/kg (rat). Acute dermal LD50 greater than 5000 mg/kg (rabbit).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyglycol dimethacrylate	No	No	No
Polyglycol oleate	No	No	No
Saccharin	No	No	No
Silica, amorphous, fumed, crystalline-free	No	No	No
Cumene hydroperoxide	No	No	No
Propylene glycol	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.
EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):
Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None
International Air Transportation (ICAO/IATA):
Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None
WaterTransportation (IMO/IMDG):
Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification:	None.
CERCLA/SARA Section 302 EHS:	None above reporting de minimus.
CERCLA/SARA Section 311/312:	Immediate Health Hazard, Delayed Health Hazard
CERCLA/SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9) .
California Proposition 65:	This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. 1,4-Dioxane (CAS# 123-91-1). Ethylene oxide (CAS# 75-21-8). Arsenic (CAS# 7440-38-2). Lead (CAS# 7439-92-1).

DISCLAIMER:

The information contained within this MSDS applies only to the Parson's product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.
The information contained within this MSDS is believed to be accurate and is given in good faith. However, no warranty is made, either expressed or implied, regarding its accuracy or any liability arising out of the use of the information herein or the product supplied.
When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classifications of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purpose other than that for which it was recommended. In such cases, a reassessment may be necessary and should be made by the user.
This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.
It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way.
They should check the adequacy of the information provided within this MSDS before passing it on to their customers/staff.