

# MATERIAL SAFETY DATA SHEET

**BIRCHWOOD CASEY**  
**CLEARLOK™ POLYMER SEALANT**

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DATE REVISED: 2/5/08  
REVISION MSDS NO. 8600-05

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **CLEARLOK™ POLYMER SEALANT**

PRODUCT PART NUMBERS: 860050, 860051, 860058

MANUFACTURED BY: BIRCHWOOD LABORATORIES, INCORPORATED

7900 Fuller Road

Eden Prairie, MN 55344 USA

Product Information Telephone Number: (952) 937-7900 (8:00-4:00pm CST)

Fax Number: (952) 937-7979

[www.birchwoodcasey.com](http://www.birchwoodcasey.com)

**24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA**

**703-527-3887 INTERNATIONAL (Collect)**

**24 HOUR POISON CONTROL EMERGENCY NUMBER: 866-291-7152 U.S. & CANADA**

## 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **CAUTION!** Irritating to eyes, skin, upper respiratory tract.

APPEARANCE/ODOR: Tan liquid, mild odor

EYE CONTACT: Irritation upon direct contact.

SKIN CONTACT: Irritation and possible dermatitis. May be absorbed through the skin in harmful amounts.

INGESTION: Irritation to the gastrointestinal tract; possible symptoms include nausea, vomiting, diarrhea

INHALATION: Inhalation of high vapor concentrations may cause central nervous system effects, and symptoms such as headache, dizziness, disorientation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS #	Weight %	OSHA PEL* TWA	OSHA PEL STEL/C	ACGIH TLV TWA	ACGIH TLV STEL/C
Urethane/acrylic blend	-	< 14	NE	NE	NE	NE
1-Methyl-2-pyrrolidinone	872-50-4	< 4	NE	NE	NE	NE
Dipropylene glycol methyl ether	34590-94-8	< 2	100 ppm <sup>(Skin)</sup>	150 ppm <sup>(Skin)</sup>	100 ppm <sup>(Skin)</sup>	150 ppm <sup>(Skin)</sup>
Triethyl amine	121-44-8	< 1	10 ppm	15 ppm	1 ppm	3 ppm
Water	7732-18-5	> 79	NE	NE	NE	NE

**TWA** – Time-weighted Average **STEL** – Short-term exposure limit **C** – Ceiling

(skin) – skin designation means that harmful amounts may be absorbed through the skin

\* Certain States enforce PELs that were in place in 1989, but were later removed by the U.S. Supreme Court. Check with your State OSHA to determine which PEL is enforced in your State.

**NE** = not established **NA** = not applicable **NDA** = no data available



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212°F  
VAPOR PRESSURE: < 20 mm Hg (20°C)  
VAPOR DENSITY: (Air = 1): NDA  
SOLUBILITY IN WATER: Miscible  
APPEARANCE: Tan liquid

SPECIFIC GRAVITY: (Water = 1): 1.028  
VOLATILE BY VOLUME: < 80% (water)  
EVAPORATION RATE: (Ethyl Ether = 1): < 1  
pH: 8.2 – 8.5  
ODOR: mild odor

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## 10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: NDA

INCOMPATIBILITY (materials to avoid): Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

There is no product based toxicological information for this product. Toxicology information is provided based on individual ingredients.

LD<sub>50s</sub>, oral, rats: 3914 mg/kg (1-Methyl-2-pyrrolidinone)

TARGET ORGANS: Eyes, skin, lungs (irritant).

Medical conditions that may be aggravated by exposure: Pre-existing skin, eye or respiratory disorders.

Carcinogenicity: IARC: None    NTP: None    OSHA: None

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## 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NDA

ENVIRONMENTAL FATE: NDA

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## 13. DISPOSAL CONSIDERATIONS

Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

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## 14. TRANSPORT INFORMATION

### D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:

Not regulated.

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## 15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT): The materials in this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Reportable Quantity - NDA

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 311/312:

Immediate Health Effects: Yes

Delayed Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Section 313 Reportable Ingredients: 1-Methyl-2-pyrrolidinone, Dipropylene glycol methyl ether, and Triethyl amine.

STATE "RIGHT-TO-KNOW": This product may contain components cited on certain state lists. Consult with your individual State regarding this product's components.

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains 1-Methyl-2-pyrrolidinone, which has been listed pursuant to Proposition 65, California Health & Safety Code Section 25249.8. Employers may have an obligation to warn their employees.

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## 16. OTHER INFORMATION

National Fire Protection Association (NFPA): Health: 1 Flammability: 0 Reactivity: 0

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period. Accordingly, Birchwood Laboratories, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information. NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER TO WHICH THE INFORMATION REFERS. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

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### **FOR ASSISTANCE WITH PLACING ORDERS: FOR PRODUCT USAGE ASSISTANCE**

- Product Pricing / Payment Terms
- Shipping and Tracing of Shipments
- Sales Rep Locations
- Questions on Operation of Products
- Solving Finishing Problems
- Operator Safety and Pollution Control

Call our Sales Department

1-800-328-6156 or Fax (952) 937-7979

Call our Customer Service Desk (952) 937-7931

Or 1-800-328-6156 or Fax (952) 937-7931