

# SDS SAFETY DATA SHEET



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BDAA-242 Anaerobic Thread Locking Adhesive

Revision No.: 4  
Revision Date: 07/31/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** BDAA-242

**Manufacturer:** Big Dog Adhesives, LLC  
435 Harrison Street  
Elkhart, IN 46516  
Phone: 1-833-244-3644  
[sales@bigdogadhesives.com](mailto:sales@bigdogadhesives.com)  
[www.bigdogadhesives.com](http://www.bigdogadhesives.com)

**Trade Name:**  BDAA-242 Anaerobic Thread Locking Adhesive

**Material Uses:** Thread locking adhesive designed for permanent locking and sealing of threaded fasteners.

**In Case of Emergency Contact CHEMTREC: 800-424-9300 or 703-527-3887**

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.  
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

| HAZARD CLASS                                       | HAZARD CATEGORY |
|----------------------------------------------------|-----------------|
| SKIN IRRITATION                                    | 2               |
| EYE IRRITATION                                     | 2A              |
| SKIN SENSITIZATION                                 | 1               |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 2               |

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

**Response:** IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

**Storage:** Not prescribed

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**See Section 11 for additional toxicological information.**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s)    | CAS Number | Percentage* |
|---------------------------|------------|-------------|
| Non-hazardous ingredients | -          | 100         |

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

|                      |                                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.                                      |
| <b>Skin contact:</b> | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention. |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.                                                       |
| <b>Ingestion:</b>    | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.                   |
| <b>Symptoms:</b>     | See Section 11.                                                                                                                                                       |

### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.                                                                                             |
| <b>Special firefighting procedures:</b>   | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray. |
| <b>Unusual fire or explosion hazards:</b> | Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.                                 |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours.                                                                  |

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clean-up methods:</b>          | Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |

### 7. HANDLING AND STORAGE

|                  |                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8. |
| <b>Storage:</b>  | For safe storage, store at or below 38 °C (100.4 °F)<br>Keep in a cool, well ventilated area away from heat, sparks and open flame.<br>Keep container tightly closed until ready for use.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                |                                                                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering controls:</b>   | Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.                                                                                                                   |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s).                                                                                                                                |
| <b>Eye/face protection:</b>    | Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available. |
| <b>Skin protection:</b>        | Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Butyl rubber gloves. Natural rubber gloves. Neoprene gloves.                            |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| <b>Physical state:</b>                          | Liquid                                       |
| <b>Color:</b>                                   | Blue                                         |
| <b>Odor:</b>                                    | Mild                                         |
| <b>Odor threshold:</b>                          | Not available.                               |
| <b>pH:</b>                                      | Not applicable                               |
| <b>Vapor pressure:</b>                          | < 5 mm hg (26.7 °C (80.1 °F))                |
| <b>Boiling point/range:</b>                     | > 148.9 °C (> 300°F)                         |
| <b>Melting point/ range:</b>                    | Not available.                               |
| <b>Specific gravity:</b>                        | 1.1                                          |
| <b>Vapor density:</b>                           | Not available.                               |
| <b>Flash point:</b>                             | > 93.3 °C (> 199.94 °F) Tagliabue closed cup |
| <b>Flammable/Explosive limits - lower:</b>      | Not available.                               |
| <b>Flammable/Explosive limits - upper:</b>      | Not available.                               |
| <b>Autoignition temperature:</b>                | Not available.                               |
| <b>Flammability:</b>                            | Not applicable                               |
| <b>Evaporation rate:</b>                        | Not available.                               |
| <b>Solubility in water:</b>                     | Slight                                       |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.                               |
| <b>VOC content:</b>                             | 0.82 %; 7.81 g/l                             |
| <b>Viscosity:</b>                               | Not available.                               |

## 10. STABILITY AND REACTIVITY

|                                          |                                                                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability:</b>                        | Stable under normal conditions of storage and use.                                                                           |
| <b>Hazardous reactions:</b>              | None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials. |
| <b>Hazardous decomposition products:</b> | Phenolics. Oxides of sulfur. Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.                                |
| <b>Incompatible materials:</b>           | Strong oxidizing agents. Strong acids. Copper. Iron. Strong reducing agents. Rust.                                           |
| <b>Reactivity:</b>                       | Not available.                                                                                                               |
| <b>Conditions to avoid:</b>              | Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.           |

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## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Inhalation of vapors or mists of the product may be irritating to the respiratory system. |
| <b>Skin contact:</b> | Causes skin irritation. May cause allergic skin reaction.                                 |
| <b>Eye contact:</b>  | Causes serious eye irritation.                                                            |
| <b>Ingestion:</b>    | May cause gastrointestinal tract irritation if swallowed.                                 |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR)**  
Not regulated for transport

**International Air Transportation (ICAO/IATA)**  
Not regulated for transport

**Water Transportation (IMO/IMDG)**  
Not regulated for transport

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## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimis

**CERCLA/SARA Section 302 EHS:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 311/312:** This product does not contain any toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.  
**CERCLA/SARA Section 313:**

**CERCLA Reportable quantity:** No RQ's

 **California Prop 65:** **WARNING:** This product can expose you to chemicals including CUMENE, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components of this product are on the Canadian DSL list.

## 16. OTHER INFORMATION

Changes to This Revision: July 31st, 2024

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### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

END OF SDS DOCUMENT