



Revision Number: 001.0

Issue date: 10/23/2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                            |   |                             |               |
|----------------------------|---|-----------------------------|---------------|
| <b>Product name:</b>       | <b>LOCTITE NCI 8002 E&amp;C</b>   | <b>IDH number:</b>          | 2325757       |
| <b>Product type:</b>       | Ink   | <b>Region:</b>              | United States |
| <b>Restriction of Use:</b> | None identified   | <b>Contact information:</b> |               |
| <b>Company address:</b>    | Telephone: +1 (860) 571-5100<br>MEDICAL EMERGENCY Phone: Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711<br>TRANSPORT EMERGENCY Phone: CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887<br>Internet: www.henkelna.com |                             |               |

This product contains one or more components that are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) inventory because a polymer exemption has been granted in accordance with 40 CFR 723.250.

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** COMBUSTIBLE LIQUID.

| HAZARD CLASS     | HAZARD CATEGORY |
|------------------|-----------------|
| FLAMMABLE LIQUID | 4               |

### PICTOGRAM(S)

None

### Precautionary Statements

|                    |   |
|--------------------|---|
| <b>Prevention:</b> | Keep away from heat, sparks, open flames, hot surfaces - no smoking. Wear protective gloves, eye protection, and face protection. |
| <b>Response:</b>   | In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.  |
| <b>Storage:</b>    | Store in a well-ventilated place. Keep cool.  |
| <b>Disposal:</b>   | 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* |
|------------------------|-------------|-------------|
| Butoxyethyl acetate    | 112-07-2    | 50 - 60     |
| Acrylate Polymer       | Proprietary | 30 - 40     |

\* 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. If symptoms develop and persist, get medical attention.   |
| <b>Skin contact:</b> | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| <b>Eye contact:</b>  | Immediately flush eyes with plenty of water 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.  |
| <b>Unusual fire or explosion hazards:</b> | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.   |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Oxides of nitrogen. Acids. Acrolein. Alcohols. Aldehydes. Formaldehyde. Hydrogen cyanide. Isocyanates. Toxic and irritating vapors. |

#### 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>          | Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal. |

#### 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Keep container closed. |
| <b>Storage:</b>  | For safe storage, store at or below -40 °C (-40°F)<br>Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.  |

**For information on product shelf life, please review labels on container or check the Technical Data Sheet.**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV  | OSHA PEL | AIHA WEEL | OTHER |
|------------------------|------------|----------|-----------|-------|
| Butoxyethyl acetate    | 20 ppm TWA | None     | None      | None  |
| Acrylate Polymer       | None       | None     | None      | None  |

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established 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.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Physical state:</b>                          | Liquid   |
| <b>Color:</b>                                   | Yellow, White  |
| <b>Odor:</b>                                    | Sweet  |
| <b>Odor threshold:</b>                          | Not available.   |
| <b>pH:</b>                                      | Not available.   |
| <b>Vapor pressure:</b>                          | Not available.   |
| <b>Boiling point/range:</b>                     | Not available.   |
| <b>Melting point/ range:</b>                    | Not available.   |
| <b>Specific gravity:</b>                        | 1  |
| <b>Vapor density:</b>                           | Not available.   |
| <b>Flash point:</b>                             | 71 °C (159.8 °F) HST-US E38F; Cleveland Open Cup (Coc) Flash Point |
| <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>                     | Soluble  |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.   |
| <b>VOC content:</b>                             | Not available.   |
| <b>Viscosity:</b>                               | Not available.   |
| <b>Decomposition temperature:</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.  |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Oxides of nitrogen. Acids. Acrolein. Alcohols. Aldehydes. Formaldehyde. Hydrogen cyanide. Isocyanates. Toxic fumes. Irritating vapors. |
| <b>Incompatible materials:</b>           | Oxidizing agents.  |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Conditions to avoid:</b>              | Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight.  |

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
Drowsiness. Dizziness.  
**Skin contact:** May cause skin irritation.  
**Eye contact:** This product may cause irritation to the eyes.  
**Ingestion:** Not expected under normal conditions of use.

| Hazardous Component(s) | LD50s and LC50s  | Immediate and Delayed Health Effects  |
|------------------------|--|---|
| Butoxyethyl acetate    | Oral LD50 (Rat) = 2,400 mg/kg<br>Oral LD50 (Rat) = 3,000 mg/kg<br>Dermal LD50 (Rabbit) = 1,500 mg/kg | Behavioral, Blood, Bone Marrow, Central nervous system, Irritant, Kidney, Liver, Lung |
| Acrylate Polymer       | None   | No Data   |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|------------------------|----------------|-----------------|---|
| Butoxyethyl acetate    | No             | No              | No  |
| Acrylate Polymer       | No             | No              | No  |

## 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.

**Hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Combustible liquid, n.o.s. (2-Butoxyethyl acetate)  
**Hazard class or division:** Combustible Liquid  
**Identification number:** NA 1993  
**Packing group:** III

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

|   |   |
|---|---|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components of this product are listed on the U.S. Toxic Substances Control Act (TSCA) inventory or are exempt from listing because a Polymer Exemption has been granted in accordance with 40 CFR 723.250                 |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis   |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.  |
| <b>CERCLA/SARA Section 311/312:</b>     | Fire, Immediate Health  |
| <b>CERCLA/SARA Section 313:</b>         | 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). Butoxyethyl acetate (CAS# 112-07-2). |
| <b>California Proposition 65:</b>       | This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.  |

### Canada Regulatory Information

|                              |   |
|------------------------------|---|
| <b>CEPA DSL/NDSL Status:</b> | Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details. |
|------------------------------|---|

## 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** First issue.

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 10/23/2017

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