



Revision Number: 004.0

Issue date: 04/09/2025

## 1. IDENTIFICATION

<b>Product name:</b> LOCTITE NCI 7002 1 KG E&C <b>Product type/</b> Coating <b>Recommended use:</b> <b>Restriction of Use:</b> None identified <b>Company address:</b> Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067	<b>IDH number:</b> 2076906  <b>Region:</b> United States <b>Contact information:</b> Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com
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## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** H227 - COMBUSTIBLE LIQUID.  
H302 - HARMFUL IF SWALLOWED.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	4
ACUTE TOXICITY ORAL	4

### PICTOGRAM(S)



### Precautionary Statements

<b>Prevention:</b>    <b>Response:</b>  <b>Storage:</b> <b>Disposal:</b>	P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking. P264 - Wash affected area thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves, clothing, eye and face protection. P301+P312+P330 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish. P403 - Store in a well-ventilated place. P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.
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**Other hazards** Not available.

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	Weight %*
Butoxyethyl acetate	112-07-2	30 - 60
cellulose nitrate	9004-70-0	5 - 10
2-Propanol	67-63-0	1 - 5
Si-oxide amorphous (fumed)	7631-86-9	1 - 5
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9	1 - 5

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

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

<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>Most important symptoms and effects (acute and delayed):</b>	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
<b>Indication of any immediate medical attention / special treatment needed:</b>	Not available.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Improper extinguishing agents:</b>	Not available.
<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.

**Hazardous combustion products:**

Oxides of carbon. Oxides of nitrogen. Hydrogen chloride. Oxides of Metals in Section 3. Toxic fumes. 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.

**Environmental precautions:**

Do not allow product to enter sewer or waterways.

**Clean-up methods:**

Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. 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

**Handling:**

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

**Storage:**

For safe storage, store between -20 °C (-4°F) and 50 °C (122°F). 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.

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## 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
2-Propanol	200 ppm TWA 400 ppm STEL	400 ppm (980 mg/m3) PEL	None	None
Si-oxide amorphous (fumed)	3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles. 6 mg/m3 TWA	15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 20 MPPCF TWA 0.8 mg/m3 TWA	None	3 mg/m3 TWA Respirable fraction.
Silane, dichlorodimethyl-, reaction products with silica	3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles.	0.8 mg/m3 TWA 20 MPPCF TWA 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 15 MPPCF TWA Respirable fraction.	None	None
Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Butoxyethyl acetate	20 ppm TWA	None	None	None
2-Propanol	200 ppm TWA 400 ppm STEL	400 ppm (980 mg/m3) PEL	None	None
Si-oxide amorphous (fumed)	3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles. 6 mg/m3 TWA	15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 20 MPPCF TWA 0.8 mg/m3 TWA	None	3 mg/m3 TWA Respirable fraction.
Silane, dichlorodimethyl-, reaction products with silica	3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles.	0.8 mg/m3 TWA 20 MPPCF TWA 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 15 MPPCF TWA Respirable fraction.	None	None

**Engineering controls:**

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:**

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eye/face protection:**

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.

**Skin protection:**

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Black
Odor:	Solvent
Odor threshold:	Not available.
pH:	Not applicable, Product is non-soluble (in water).
Vapor pressure:	< 1 hPa (20 °C (68°F))
Boiling point/range:	192 °C (377.6 °F)
Melting point/ range:	Not applicable, Product is a liquid
Density/Relative density:	1.27
Relative vapor density:	> 1 20 °C
Flash point:	78 °C (172.4 °F) no method / method unknown
Flammable/Explosive limits - lower:	0.9 %
Flammable/Explosive limits - upper:	8.5 %
Autoignition temperature:	Not available.
Flammability:	The product is not flammable.
Evaporation rate:	Not available.
Solubility:	Insoluble Water
Solubility:	Insoluble Water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	60 % Estimated
Dynamic viscosity:	10,000 - 25,000 mPa.s
Kinematic viscosity:	> 1,000 mm <sup>2</sup> /s
Particle characteristics:	Not applicable, Product is a liquid
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Hydrogen chloride. Oxides of Metals in Section 3. Toxic fumes. Irritating vapors.
Incompatible materials:	Oxidizing agents. Acids. Bases.
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion
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## Potential Health Effects/Symptoms

<b>Inhalation:</b>	Inhalation of vapors or mists of the product may be irritating to the respiratory system. Drowsiness. Dizziness.
<b>Skin contact:</b>	May cause skin irritation.
<b>Eye contact:</b>	May cause eye irritation.
<b>Ingestion:</b>	Not expected under normal conditions of use. This product contains nanoparticles. The particle size-related health effects of nanoparticles have not been fully investigated. Harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s
Butoxyethyl acetate	Oral LD50 (Rat) = 2,400 mg/kg Oral LD50 (Rat) = 3,000 mg/kg Dermal LD50 (Rabbit) = 1,500 mg/kg
cellulose nitrate	None
2-Propanol	Oral LD50 (Rat) = 5,045 mg/kg Oral LD50 (Mouse) = 3,600 mg/kg Oral LD50 (Rabbit) = 6,410 mg/kg Oral LD50 (Rat) = 4.7 g/kg Oral LD50 (Mouse) = 4.5 g/kg Oral LD50 (Rabbit) = 8.0 g/kg Oral LD50 (Rabbit) = 5.03 g/kg Dermal LD50 (Rabbit) = 12,800 mg/kg
Si-oxide amorphous (fumed)	Oral LD50 (Rat) = > 22,500 mg/kg Oral LD50 (Mouse) = > 15,000 mg/kg Inhalation LC50 (Rat, 4 h) = > 2.08 mg/l Inhalation LC50 (Rat, 4 h) = > 0.69 mg/l
Silane, dichlorodimethyl-, reaction products with silica	None

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cellulose nitrate	None
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Silane, dichlorodimethyl-, reaction products with silica	None

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Butoxyethyl acetate	Irritant		Behavioral Blood Bone Marrow Central nervous system Kidney Liver Lung
cellulose nitrate			Central nervous system
2-Propanol	Irritant	Allergen	Central nervous system
Si-oxide amorphous (fumed)	Nuisance dust		
Silane, dichlorodimethyl-, reaction products with silica			

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Butoxyethyl acetate	Irritant		Behavioral Blood Bone Marrow Central nervous system Kidney Liver Lung

cellulose nitrate			Central nervous system
2-Propanol	Irritant	Allergen	Central nervous system
Si-oxide amorphous (fumed)	Nuisance dust		
Silane, dichlorodimethyl-, reaction products with silica			

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Butoxyethyl acetate	No	No	No
cellulose nitrate	No	No	No
2-Propanol	No	Group 1	No
Si-oxide amorphous (fumed)	No	No	No
Silane, dichlorodimethyl-, reaction products with silica	No	No	No

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Butoxyethyl acetate	No	No	No
cellulose nitrate	No	No	No
2-Propanol	No	Group 1	No
Si-oxide amorphous (fumed)	No	No	No
Silane, dichlorodimethyl-, reaction products with silica	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.

## 14. TRANSPORT INFORMATION

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

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

**Proper shipping name:** Combustible liquid, n.o.s. (Isopropanol)  
**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

#### 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

<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimis. None above reporting de minimis.
<b>CERCLA/SARA Section 311/312:</b>	Please refer to the GHS classification in Section 2
<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). 2-Propanol (CAS# 67-63-0). 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). 2-Propanol (CAS# 67-63-0).
<b>CERCLA Reportable quantity:</b>	cellulose nitrate (CAS# 9004-70-0) 100 lbs. (45.4 kg) 2-Propanol (CAS# 67-63-0) 100 lbs. (45.4 kg)
<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer.

#### Canada Regulatory Information

<b>CEPA DSL/NDL Status:</b>	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
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## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2,7,9,11,15

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

**Issue date:** 04/09/2025

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