



## Safety Data Sheet

Copyright,2022, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
| <b>Document Group:</b> | 27-8285-2 | <b>Version Number:</b>  | 4.01     |
| <b>Issue Date:</b>     | 05/25/22  | <b>Supersedes Date:</b> | 05/22/18 |

### SECTION 1: Identification

#### 1.1. Product identifier

Scotch® Super Glue Gel, AD122, AD125

#### Product Identification Numbers

44-1600-0394-1, 70-0050-5568-9, 70-0051-0570-8, 70-0051-1463-5, 70-0051-3430-2, 70-0051-4315-4, 70-0051-4849-2, 70-0051-4852-6, 70-0051-5177-7, 70-0051-6686-6, 70-0051-6770-8, 70-0051-6902-7, 70-0051-6926-6, 70-0051-7125-4, 70-0051-7660-0, 70-0051-7783-0, 70-0051-8330-9, 70-0052-3607-3, 70-0052-4749-2, 70-0052-8076-6  
7000047663, 7000001138, 7000047921, 7010369850, 7010299783, 7100035277, 7100078891

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Glue

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Stationery and Office Supplies Division |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 1-888-3M HELPS (1-888-364-3577)         |

#### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Flammable Liquid: Category 4.

Serious Eye Damage/Irritation: Category 2A.

Specific Target Organ Toxicity (single exposure): Category 3.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

##### Pictograms



### Hazard Statements

Combustible liquid.

Causes serious eye irritation.  
May cause respiratory irritation.

### Precautionary Statements

#### General:

Keep out of reach of children.

#### Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye/face protection.  
Wash thoroughly after handling.

#### Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

#### Storage:

Store in a well-ventilated place. Keep cool.  
Keep container tightly closed.  
Store locked up.

#### Disposal:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

#### Supplemental Information:

May bond tissue rapidly. Contact through clothing may cause thermal burns. Avoid eye and skin contact. If eyelids are bonded, do not force open. In case of skin bonding, quickly soak in warm water and avoid excessive force to free bonded area.

## SECTION 3: Composition/information on ingredients

| Ingredient                | C.A.S. No.    | % by Wt                   |
|---------------------------|---------------|---------------------------|
| ETHYL CYANOACRYLATE       | 7085-85-0     | 60 - 100 Trade Secret *   |
| POLY(METHYL METHACRYLATE) | 9011-14-7     | 10 - 30 Trade Secret *    |
| Non-Hazardous Ingredients | Trade Secret* | 5 - 10                    |
| Hydroquinone              | 123-31-9      | 0.05 - 0.1 Trade Secret * |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade

secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

FOR SKIN BONDS: Quickly soak in warm water and avoid use of excessive force to free bonded area. If unable to free bonded area, or if lips or mouth are bonded, get medical attention. If irritation persists, get medical attention.

**Eye Contact:**

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. DO NOT force eyelids open.

**If Swallowed:**

Rinse mouth. If you feel unwell, get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

### 5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

### Hazardous Decomposition or By-Products

Substance

Carbon monoxide  
Carbon dioxide

Condition

During Combustion  
During Combustion

### 5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

**7.2. Conditions for safe storage including any incompatibilities**

Store in a well-ventilated place. Keep cool. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from acids. Store away from oxidizing agents. Store away from amines.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| <b>Ingredient</b>         | <b>C.A.S. No.</b> | <b>Agency</b> | <b>Limit type</b>  | <b>Additional Comments</b>                      |
|---------------------------|-------------------|---------------|--|---|
| Hydroquinone              | 123-31-9          | ACGIH         | TWA:1 mg/m3  | A3: Confirmed animal carcin., Dermal Sensitizer |
| Hydroquinone              | 123-31-9          | OSHA          | TWA:2 mg/m3  |   |
| ETHYL CYANOACRYLATE       | 7085-85-0         | ACGIH         | TWA:0.2 ppm;STEL:1 ppm   | Dermal/Respiratory Sensitizer                   |
| Non-Hazardous Ingredients | Trade Secret      | OSHA          | TWA:20 millions of particles/cu. ft.;TWA concentration:0.8 mg/m3 |   |

ACGIH : American Conference of Governmental Industrial Hygienists  
 AIHA : American Industrial Hygiene Association  
 CMRG : Chemical Manufacturer's Recommended Guidelines  
 OSHA : United States Department of Labor - Occupational Safety and Health Administration  
 TWA: Time-Weighted-Average  
 STEL: Short Term Exposure Limit  
 CEIL: Ceiling

**8.2. Exposure controls**

**8.2.1. Engineering controls**

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

**8.2.2. Personal protective equipment (PPE)**

**Eye/face protection**

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect Vented Goggles

### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Do not wear cotton gloves. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state

Liquid

Color

Straw, Transparent White

**Specific Physical Form:**

Gel

**Odor**

Sharp Irritating

**Odor threshold**

*No Data Available*

**pH**

*Not Applicable*

**Melting point**

*Not Applicable*

**Boiling Point**

$\geq 300$  °F

**Flash Point**

176 - 200 °F [*Test Method: Closed Cup*]

**Evaporation rate**

*No Data Available*

**Flammability (solid, gas)**

Not Applicable

**Flammable Limits(LEL)**

*No Data Available*

**Flammable Limits(UEL)**

*No Data Available*

**Vapor Pressure**

Approximately 1 mmHg [*@ 20 °C*]

**Vapor Density**

3 [*Ref Std: AIR=1*]

**Density**

1.05 g/ml

**Specific Gravity**

1.05 [*Ref Std: WATER=1*]

**Solubility in Water**

Negligible

**Solubility- non-water**

*No Data Available*

**Partition coefficient: n-octanol/ water**

*No Data Available*

**Autoignition temperature**

*No Data Available*

**Decomposition temperature**

*No Data Available*

**Viscosity**

80 - 120 centistoke

**Molecular weight**

*No Data Available*

**Percent volatile**

90 - 95 %

**VOC Less H<sub>2</sub>O & Exempt Solvents**

*No Data Available*

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Sparks and/or flames

### 10.5. Incompatible materials

Water

Alcohols

Amines

Alkali and alkaline earth metals

### 10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known.      |                  |

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### Skin Contact:

Bonds skin rapidly.

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Contact through clothing may cause thermal burns.

#### Eye Contact:

Bonds eyelids rapidly.

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the

cornea, and impaired vision.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

| Name                      | Route                          | Species | Value  |
|---------------------------|--------------------------------|---------|--|
| Overall product           | Ingestion                      |         | No data available; calculated ATE >5,000 mg/kg |
| ETHYL CYANOACRYLATE       | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                             |
| ETHYL CYANOACRYLATE       | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                             |
| POLY(METHYL METHACRYLATE) | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| POLY(METHYL METHACRYLATE) | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                             |
| Non-Hazardous Ingredients | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| Non-Hazardous Ingredients | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 0.691 mg/l                              |
| Non-Hazardous Ingredients | Ingestion                      | Rat     | LD50 > 5,110 mg/kg                             |
| Hydroquinone              | Dermal                         | Rat     | LD50 > 4,800 mg/kg                             |
| Hydroquinone              | Ingestion                      | Rat     | LD50 302 mg/kg                                 |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                      | Species          | Value                     |
|---------------------------|------------------|---------------------------|
| ETHYL CYANOACRYLATE       | Rabbit           | Mild irritant             |
| POLY(METHYL METHACRYLATE) | Rabbit           | No significant irritation |
| Non-Hazardous Ingredients | Rabbit           | No significant irritation |
| Hydroquinone              | Human and animal | Minimal irritation        |

**Serious Eye Damage/Irritation**

| Name                      | Species | Value                     |
|---------------------------|---------|---------------------------|
| ETHYL CYANOACRYLATE       | Rabbit  | Severe irritant           |
| POLY(METHYL METHACRYLATE) | Rabbit  | Mild irritant             |
| Non-Hazardous Ingredients | Rabbit  | No significant irritation |
| Hydroquinone              | Human   | Corrosive                 |

**Skin Sensitization**

| Name                      | Species          | Value          |
|---------------------------|------------------|----------------|
| ETHYL CYANOACRYLATE       | Human            | Not classified |
| Non-Hazardous Ingredients | Human and animal | Not classified |
| Hydroquinone              | Guinea pig       | Sensitizing    |

**Respiratory Sensitization**

| Name                | Species | Value          |
|---------------------|---------|----------------|
| ETHYL CYANOACRYLATE | Human   | Not classified |

**Germ Cell Mutagenicity**

| Name | Route | Value |
|------|-------|-------|
|      |       |       |

|                           |          |  |
|---------------------------|----------|--|
| ETHYL CYANOACRYLATE       | In Vitro | Not mutagenic  |
| Non-Hazardous Ingredients | In Vitro | Not mutagenic  |
| Hydroquinone              | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Hydroquinone              | In vivo  | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name                      | Route         | Species                 | Value  |
|---------------------------|---------------|-------------------------|--|
| Non-Hazardous Ingredients | Not Specified | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Hydroquinone              | Dermal        | Mouse                   | Not carcinogenic   |
| Hydroquinone              | Ingestion     | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name                      | Route     | Value                                  | Species | Test Result           | Exposure Duration    |
|---------------------------|-----------|--|---------|-----------------------|----------------------|
| Non-Hazardous Ingredients | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation         |
| Non-Hazardous Ingredients | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation         |
| Non-Hazardous Ingredients | Ingestion | Not classified for development         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis |
| Hydroquinone              | Ingestion | Not classified for female reproduction | Rat     | NOAEL 150 mg/kg/day   | 2 generation         |
| Hydroquinone              | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 150 mg/kg/day   | 2 generation         |
| Hydroquinone              | Ingestion | Not classified for development         | Rat     | NOAEL 100 mg/kg/day   | during organogenesis |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name                | Route      | Target Organ(s)        | Value                            | Species | Test Result         | Exposure Duration     |
|---------------------|------------|------------------------|----------------------------------|---------|---------------------|-----------------------|
| ETHYL CYANOACRYLATE | Inhalation | respiratory irritation | May cause respiratory irritation | Human   | NOAEL Not available | occupational exposure |
| Hydroquinone        | Ingestion  | nervous system         | May cause damage to organs       | Rat     | NOAEL Not available | not applicable        |
| Hydroquinone        | Ingestion  | kidney and/or bladder  | Not classified                   | Rat     | NOAEL 400 mg/kg     | not applicable        |

**Specific Target Organ Toxicity - repeated exposure**

| Name                      | Route      | Target Organ(s)                | Value          | Species | Test Result         | Exposure Duration     |
|---------------------------|------------|--------------------------------|----------------|---------|---------------------|-----------------------|
| Non-Hazardous Ingredients | Inhalation | respiratory system   silicosis | Not classified | Human   | NOAEL Not available | occupational exposure |
| Hydroquinone              | Ingestion  | blood                          | Not classified | Rat     | NOAEL Not available | 40 days               |
| Hydroquinone              | Ingestion  | bone marrow   liver            | Not classified | Rat     | NOAEL Not available | 9 weeks               |
| Hydroquinone              | Ingestion  | kidney and/or bladder          | Not classified | Rat     | LOAEL 50 mg/kg/day  | 15 months             |
| Hydroquinone              | Ocular     | eyes                           | Not classified | Human   | NOAEL Not available | occupational exposure |

**Aspiration Hazard**



For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## SECTION 12: Ecological information

### Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

## SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact 3M for more information.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Flammable (gases, aerosols, liquids, or solids)

##### Health Hazards

Serious eye damage or eye irritation

Specific target organ toxicity (single or repeated exposure)

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

#### 15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### SECTION 16: Other information

#### NFPA Hazard Classification

**Health:** 2 **Flammability:** 2 **Instability:** 1 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

#### HMIS Hazard Classification

**Health:** 2 **Flammability:** 2 **Physical Hazard:** 1 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
| <b>Document Group:</b> | 27-8285-2 | <b>Version Number:</b>  | 4.01     |
| <b>Issue Date:</b>     | 05/25/22  | <b>Supersedes Date:</b> | 05/22/18 |

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

3M USA SDSs are available at [www.3M.com](http://www.3M.com)