

Safety Data Sheet



Revision Number: 008.0

Issue date: 08/28/2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE AA 3526 UV/VIS LIGHT CURE ACRYLIC known as 3526 HT/UV FLX TGH AD 25ML SYR
Product type/use: Light Curing Adhesive
Restriction of Use: None identified
Company address: Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

IDH number: 235065

Item number: 30756
Region: United States

Contact information:
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
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE DAMAGE.
SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

| HAZARD CLASS | HAZARD CATEGORY |
|-----------------------|-----------------|
| SKIN IRRITATION | 2 |
| SERIOUS EYE DAMAGE | 1 |
| SKIN SENSITIZATION | 1 |
| REPRODUCTIVE TOXICITY | 2 |

PICTOGRAM(S)



Precautionary Statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye 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. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing.

Storage: Store locked up.

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* |
|------------------------|------------|-------------|
|------------------------|------------|-------------|

IDH number: 235065

Product name: LOCTITE AA 3526 UV/VIS LIGHT CURE ACRYLIC known as 3526 HT/UV FLX TGH AD 25ML SYR

| | | |
|---|------------|---------|
| Polyurethane Methacrylate Resin | Unknown | 30 - 60 |
| Isobornyl methacrylate | 7534-94-3 | 10 - 30 |
| Isobornyl acrylate | 5888-33-5 | 5 - 10 |
| 2-Hydroxyethyl methacrylate | 868-77-9 | 5 - 10 |
| Hydroxyalkyl methacrylate | 27813-02-1 | 1 - 5 |
| Tert-butyl perbenzoate | 614-45-9 | 1 - 5 |
| diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 1 - 5 |
| Diacrylate ester | 42978-66-5 | 1 - 5 |
| Acrylic acid | 79-10-7 | 1 - 5 |
| Ethylene glycol | 107-21-1 | 0.1 - 1 |

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

4. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

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| Environmental precautions: | Do not allow product to enter sewer or waterways. |
| Clean-up methods: | 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

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

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 |
|---|---|----------|-----------|-----------------------------------|
| Polyurethane Methacrylate Resin | None | None | None | None |
| Isobornyl methacrylate | None | None | None | None |
| Isobornyl acrylate | None | None | None | None |
| 2-Hydroxyethyl methacrylate | None | None | None | None |
| Hydroxyalkyl methacrylate | None | None | None | 1 ppm TWA 3 ppm STEL |
| Tert-butyl perbenzoate | None | None | None | None |
| diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | None | None | None | None |
| Diacrylate ester | None | None | None | None |
| Acrylic acid | 2 ppm TWA (SKIN) | None | None | 1 ppm TWA 3 ppm STEL (SKIN) |
| Ethylene glycol | 25 ppm TWA Vapor fraction 50 ppm STEL Vapor fraction 10 mg/m ³ STEL Aerosol, inhalable. | None | None | None |

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| Engineering controls: | Provide adequate local exhaust ventilation to maintain worker exposure below 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. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical state: | Liquid |
| Color: | Light, Straw |
| Odor: | Sharp, Irritating |
| Odor threshold: | Not available. |
| pH: | Not applicable, Product reacts with water. |
| Vapor pressure: | < 10 mm hg (24 °C (75.2 °F)) < 10 mm hg (20 °C (68°F)) |
| Boiling point/range: | > 149.0 °C (> 300.2 °F)None |
| Melting point/ range: | Not applicable, Product is a liquid |
| Specific gravity: | 1.0633 |
| Vapor density: | 1 20 °C |
| Flash point: | > 93.4 °C (> 200.12 °F) Tagliabue closed cup |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |
| Flammability: | The product is not flammable. |
| Evaporation rate: | Not available. |
| Solubility in water: | Slightly soluble |

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|---|--|
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | 1.39 %; 14.78 g/l (process) 0.91 %; 9.68 g/l (potential) 2.30 %; 24.46 g/l (total) (ASTM D5403) |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of nitrogen. Irritating organic vapours. Isocyanates. Hydrogen cyanide. Amines. |
| Incompatible materials: | Strong oxidizing agents. Reducing agents. Strong acids and strong bases. Peroxides. Free radical initiators. |
| Reactivity: | Not available. |
| Conditions to avoid: | Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials. |

11. TOXICOLOGICAL INFORMATION

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|-------------------------------------|-----------------------------------|
| Relevant routes of exposure: | Skin, Inhalation, Eyes, Ingestion |
|-------------------------------------|-----------------------------------|

Potential Health Effects/Symptoms

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

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|--|---|
| Polyurethane Methacrylate Resin | None | Irritant, Allergen |
| Isobornyl methacrylate | None | Irritant, Allergen |
| Isobornyl acrylate | None | Irritant, Allergen |
| 2-Hydroxyethyl methacrylate | Oral LD50 (Rat) = 11.2 g/kg Oral LD50 (Rat) = 5,050 mg/kg | Irritant, Allergen |
| Hydroxyalkyl methacrylate | None | Irritant, Allergen |
| Tert-butyl perbenzoate | Inhalation LC50 (Rat, 4 h) = > 0.26 mg/l | Central nervous system, Irritant, Mutagen |
| diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | None | No Records |
| Diacylate ester | None | Irritant, Allergen, Eyes |
| Acrylic acid | Oral LD50 (Rat) = 33.5 mg/kg Oral LD50 (Mouse) = 2,400 mg/kg Oral LD50 (Rat) = 2.5 g/kg Oral LD50 (Rat) = 193 mg/kg Oral LD50 (Rat) = 1,250 mg/kg Inhalation LC50 (Rat, 4 h) = 3.6 mg/l Inhalation LC50 (Rat, 4 h) = > 3.9 - < 4.8 mg/l Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l | Allergen, Corrosive, Irritant, Kidney, Liver |
| Ethylene glycol | Oral LD50 (Rat) = 5.89 g/kg Oral LD50 (Mouse) = 14.6 g/kg Dermal LD50 (Rabbit) = 9,530 mg/kg | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Polyurethane Methacrylate Resin | No | No | No |
| Isobornyl methacrylate | No | No | No |
| Isobornyl acrylate | No | No | No |
| 2-Hydroxyethyl methacrylate | No | No | No |
| Hydroxyalkyl methacrylate | No | No | No |
| Tert-butyl perbenzoate | No | No | No |
| diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | No | No | No |
| Diacylate ester | No | No | No |
| Acrylic acid | No | No | No |
| Ethylene glycol | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

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: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Isobornyl acrylate)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isobornyl acrylate)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Isobornyl acrylate

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: None above reporting de minimis.
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: 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). Acrylic acid (CAS# 79-10-7).
CERCLA Reportable quantity: Tert-butyl perbenzoate (CAS# 614-45-9) 100 lbs. (45.4 kg)
California Proposition 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2, 3, 8, 9, 11, 14

Prepared by: Product Safety and Regulatory Affairs

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