



Safety Data Sheet

Dynatex® 49431 Super Glue

Section 1. Identification

Product Identifier Dynatex® 49431 Super Glue
Synonyms 49431CL09
Manufacturer Stock
Numbers 49431CL09

Recommended use Refer to Technical Information
Uses advised against Refer to Technical Information

Manufacturer Contact
Address Dynatex a division of Soudal Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 4
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Warning

Pictogram



Hazard Statements	Causes serious eye irritation Causes skin irritation Combustible liquid May cause respiratory irritation.
Precautionary Statements Response	Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. Read label before use. Take off contaminated clothing and wash it before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Keep away from heat. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Wear protective gloves/eye protection/face protection
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national /international regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Additional Information	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7085-85-0	Ethyl-2-Cyanoacrylate	50% - 100%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Contact	Flush with warm water. If eyelids are bonded closed, release eyelashes with warm water by covering the eye with a wet pad. Do not force eye open. See supplemental section for emergency action.
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Skin Contact	Soak in warm water. Do not pull skin apart. See supplemental section for emergency action.
Inhalation	Remove to fresh air. If symptoms persist, obtain appropriate medical attention.
Ingestion	Ingestion is unlikely. See supplemental section for emergency action.
First Aid Supplement	Cyanoacrylate adhesive is a very fast setting and strong adhesive. It bonds to human tissue and skin in seconds. Experience has shown that accidents due to Cyanoacrylates are best handled by passive, non-surgical first aid. Treatment of specific types of accidents are suggested as follows:
Skin Contact	Remove excess adhesive. Soak in warm, soapy water. The adhesive will come loose from the skin in several hours. Dried adhesive does not present a health hazard even when bonded to the skin. Avoid contact with clothes, fabrics, rags, or tissue. Contact with these materials may cause polymerization. The polymerization of large amounts of adhesive will generate heat causing smoke, skin burns, and strong, irritating vapors. Wear rubber or polyethylene gloves and an apron when handling large amounts of adhesive.
Skin Adhesion	First immerse the bonded surfaces in warm, soapy water. Peel off or roll the surfaces open with the end of a blunt edge, such as a spatula or a spoon handle, then remove adhesive with soap and water. Do not try to pull the surfaces apart with a direct opposing action.
Eyelid adhesion	In the event that eyelids are stuck together or bonded to the eyeball, wash thoroughly with warm water and apply a gauze patch. The eye will open without further action, typically in one to two days. There will be no residual damage. Do not try to pull the surfaces apart with a direct opposing action.
Adhesive in eye	Adhesive introduced into the eyes will attach itself to the eye protein and will disassociate from it over intermittent periods, usually several hours. This will cause periods of weeping until clearance is achieved. It is important to understand that disassociation will normally occur within a matter of hours, even with gross contamination.
Mouth	If lips are accidentally stuck together apply lots of warm water and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action. It is almost impossible to swallow cyanoacrylate. The adhesive solidifies and adheres in the mouth. Saliva will lift the adhesive in one to two days.
Burns	Cyanoacrylate gives off heat on solidification. In rare cases, large drops will increase in temperature enough to cause a burn. Burns should be treated normally after the lump of cyanoacrylate is released from the tissue as described above.
Surgery	It should never be necessary to use such drastic action to separate accidentally bonded skin.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam Use water fog to cool material in vicinity of fire.
Unsuitable Extinguishing Media	None known
Unusual Fire or Explosion Hazards	None known
Special Fire Fighting Procedures	Wear self- contained breathing apparatus.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release Observe all personal protection equipment recommendations. Do not use cloths for clean up. Flood spilled material with water to polymerize. Cured material can be scrapped up and disposed of as nonhazardous waste. Make sure spill area is well ventilated.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable.

Section 7. Handling and Storage

Storage Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location. Keep container tightly closed.

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Avoid contact with paper goods or fabric. Contact with these materials may cause rapid polymerization which can generate smoke and strong irritating vapors.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Ethyl-2-Cyanoacrylate	0.2 ppm	None	N/A
Personal Protective Equipment	Goggles, Gloves			
Eye Protection	Safety goggles or glasses with side shields are recommended.			
Skin Protection	Polyethylene or non-reactive gloves. Do not use cotton, PVC or wool.			
Ventilation	Local exhaust ventilation is recommended to maintain vapor level below TLV.			
Respiratory Protection	Not applicable with good local exhaust. Use NIOSH approved respirator if there is a potential to exceed exposure limits.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear
Odor	Characteristic
Odor Threshold	Not determined
Solubility	Not miscible
Partition coefficient Water/n-octanol	Not determined
VOC%	< 20 g/L (estimated)

Viscosity	Not determined
Specific Gravity	1.05
Density lbs/Gal	8.762
Pounds per Cubic Foot	N/A
Flash Point	87C 189F
FP Method	N/A
Ph	Not determined
Melting Point	Undetermined
Boiling Point	>150C 302F
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	0.3 hPa @ 20C
Vapor Density	Not determined

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Materials to Avoid / Incompatibility Polymerized by contact with water, alcohols, amines, and alkalis.

Chemical stability Stable under recommended storage conditions.

Hazardous Polymerization Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

Section 11. Toxicological Information

Special Hazard Information on Components No known applicable information.

Component Toxicology Information No known applicable information.

Section 12. Ecological Information

Fate and Effects in Waste Complete information is not yet available.

Water Treatment Plants
Environmental Effects Complete information is not yet available.
Environmental Fate and Distribution Complete information is not yet available.

Section 13. Disposal

Waste Disposal Method We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

UN Number 1993
UN Proper Shipping Name Combustible Liquid, NOS
DOT Classification N/A
Packing Group III
Other Shipping Information Marine pollutant: No

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

DOT Quantity limitations
On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L

Section 15. Regulatory Information

California Proposition 65 Chemicals known to cause cancer:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

TSCA (Toxic Substances Control Act) All ingredients are listed.

SARA Title III Section 355 (extremely hazardous substances):
79-11-8 chloroacetic acid
123-31-9 1,4-dihydroxybenzene

