



Safety Data Sheet

Marathon Liquid Skin Protectant

Section 1. Identification

Product Identifier	Marathon Liquid Skin Protectant		
Synonyms	MSC093001; MSC093001XL; MSC093005; MSD_SDS0017		
Manufacturer Stock Numbers	MSC093001; MSC093001XL; MSC093005		
Recommended use	A liquid barrier film for the protection of intact or damaged skin from moisture, friction (rubbing) or shear (tearing). A topical skin adhesive used to close easily approximated skin edges of wounds from surgical incisions, including punctures from minimally invasive surgery and simple, thoroughly cleansed, trauma induced lacerations.		
Uses advised against	Federal (USA) law restricts this device for sale by or on the order of a physician.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website www.Medline.com		

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2
Signal Word	
Pictogram	
Hazard Statements	N/A

Precautionary Statements

Response	N/A
Prevention	N/A
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
6606-65-1	n-Butyl cyanoacrylate	0% - 100%
133978-15-1	2-Octyl cyanoacrylate	0% - 100%

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

Section 4. First-Aid Measures

Eye Contact:	If eyelids are bonded, release eyelashes with a pad soaked in warm water. Cyanoacrylate that has bonded to eye protein will produce tears, which will assist in the debonding process. Keep eye covered with a wet pad until debonding is complete, usually within 1 to 3 days – do not force eye open. Seek medical advice if solid particles of cyanoacrylate are trapped behind eyelid – this may cause abrasive damage.
Skin Contact:	Do not force separation. Peel or roll skin apart in warm soapy water using a blunt instrument such as a spoon. Pre-soaking in a solution of 5% sodium bicarbonate will assist separation.
Ingestion:	Do not induce vomiting. Give 1 – 3 glasses of water to drink to dilute stomach contents. Do not give anything by mouth if victim is unconscious or convulsing. Obtain immediate medical attention. Saliva should lift adhesive in 12 to 48 hours. Avoid swallowing adhesive after detachment. Lips may become bonded together, apply copious amounts of warm water and encourage wetting/pressure from saliva inside mouth. Peel or roll lips apart gently. Call a physician.
Inhalation:	Remove to fresh air. If symptoms persist, call a physician.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, CO ₂ (Carbon dioxide), Foam, Dry Chemical
Unsuitable Extinguishing Media	N.D.

Unusual Fire and Explosion Hazards:
Special Fire Fighting Procedures:

Water may spread fire. Product floats on water when cured. Acrid smoke and irritating fumes (oxides of carbon – oxides of nitrogen) occur in fire conditions.
Wear full protective equipment including self-contained breathing apparatus.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Wear appropriate protective clothing. Prevent material from entering drains and watercourses.

Methods and materials for containment and cleaning up:

Use water spray to polymerise and scrape off floor. Solidified material may be scraped from surfaces for disposal.

Section 7. Handling and Storage

Precautions for safe handling:

Avoid contact with eyes, skin and clothing. Avoid inhaling vapors on application.

Conditions for safe storage:

Avoid moisture, direct UV sunlight and prolonged storage above 25°C (77°F).

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
n-Butyl cyanoacrylate	N/A	N/A	N/A
2-Octyl cyanoacrylate	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves, Apron

Engineering controls:

Local exhaust to prevent eye irritation.

Respiratory Protection:

Normally not necessary. A NIOSH approved organic vapor canister may be used.

Protective gloves:

Chemical resistant gloves – polyethylene recommended.

Other protective clothing or equipment:

Chemical goggles, safety glasses with side shields, rubber apron.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Violet/colorless
Odor	Slightly pungent/sharp
Odor Threshold	N.D.
Solubility	Negligible in water
Partition coefficient Water/n-octanol	N.D.

VOC%	N/A
Viscosity	<100cP
Specific Gravity	N/A
Density lbs/Gal	1.444
Pounds per Cubic Foot	N/A
Flash Point	85 - 112°C
FP Method	Setaflash closed cup
pH	N.A.
Melting Point	N.D.
Boiling Point	>150°C (302°F)
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Stability:	Stable.
Possibility of hazardous reactions:	Hazardous polymerization may not occur.
Conditions to avoid:	Temperatures >38°C (100°F)
Incompatible materials:	Amines, Alcohols, Water, cotton, wool bases.
Hazardous decomposition products:	Combustible by-products of carbon monoxide and dioxide.

Section 11. Toxicological Information

Information on the likely routes & symptoms of exposure:	Cyanoacrylate vapors are irritating to eyes and mucous membranes; prolonged and repeated overexposure may result in allergic reactions (rhinitis) with asthma-like symptoms in certain individuals. In the event of fire or heating, cyanoacrylate adhesives increase their volatility and this increases the risk of respiratory irritation and sensitization. Contact dermatitis may occur after chronic repetitive exposure of the skin to liquid monomer. Weeping, tears and double vision may be experienced until polymerization has occurred. If cured cyanoacrylate enters the eye, there is a chance of corneal damage due to abrasion. Irritation with pain, corneal abrasions, keratoconjunctivitis and eyelash loss occurs. Pre-existing skin, eye and respiratory disorders may be aggravated by exposure. The vapor is irritating to eyes and mucous membranes. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals
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Delayed and immediate effects and also chronic effects from short and long term: This product is not expected to cause long-term adverse health effects. This product is not expected to cause reproductive and developmental health effects.

Numerical measures of toxicity: LD50: Lethal dose 50%
LC50: Lethal concentration 50%

Carcinogenicity: Carcinogenity: Not considered carcinogenic by NTP, IARC and OSHA
IARC Monographs: No
OSHA Regulated: No

Section 12. Ecological Information

Environmental Fate: Not available.

Section 13. Disposal

Disposal Consideration: This product is not a hazardous waste. Flood with water to polymerize. Soak up with an inert absorbent (earth or sand). Dispose of in an approved landfill in accordance with local authority regulations.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not Regulated
DOT Classification Not Regulated
Packing Group Not Regulated
IMDG: Not Regulated
IATA: Not Regulated

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.
SARA 302: N.A.
SARA 304: N.A.
SARA 313: N.A.
TSCA: All components are listed or exempt.
CERCLA Hazardous Substance List: N.A.
Clean Air Act (CAA) Section 112, 112 (r): N.A.
State Regulations: N.A.

Section 16. Other Information

Revision Date 9/16/2022

Legend

N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information:

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.