

DP gel TOP Material Safety Data Sheet



1. PRODUCT AND COMPANY IDENTIFICATION

Product: (D1002)_DP gel TOP

Supplier

Synonym TOP/gel TOP/

Material Uses Nail modification

Tel FFX

2. HAZARDS ID HAZARDS IDENTIFICATION

HAZARD DESIGNATION

EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

P3: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
 R36/37/38: Irritating to eyes, respiratory system and skin.
 S24/25: Avoid contact with skin and eyes.
 S51: Use only in well-ventilated areas.

GHS CLASSIFICATIONS

Health
Eye Irritation, Category 2

GHS LABEL ELEMENTS

 Exclamation mark WARNING	
H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation.	

PRECAUTIONARY STATEMENT(S)

Prevention:

P271: Use only outdoors or in a well-ventilated area.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

7944L5O1: Dispose of in a manner consistent with federal, state, and local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, Colorless liquid

IMMEDIATE CONCERNS: R36/37/38: Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EFFECTS

EYES: R36: Irritating to eyes.

SKIN: May cause skin irritation. Allergic reactions are possible.

INGESTION: Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

INHALATION: R37: Irritating to respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Substance causes moderate skin irritation.

SKIN ABSORPTION: Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

INGESTION: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

ACUTE TOXICITY: Avoid exposure to vapor concentration in confined areas.

CHRONIC EFFECTS: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

MEDICAL CONDITIONS AGGRAVATED: Not a likely route of exposure.

ROUTES OF ENTRY: Inhalation & ingestion are major routes of entry.

CANCER STATEMENT: Not Applicable.

IRRITANCY: Irritating to eyes, respiratory system and skin.

SENSITIZATION: May cause allergic skin reaction.

3. COMPOSITIONAL INFORMATION

Ingredient Name	CAS Number	WT/WT%	ACGIH	OSHA	OTHER LIMITE
Ethyl-2-Cyanoacrylate	7085-85-0	98. _99.5	450ppm	450ppm	NE

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash with soap and water. Peel or roll skin apart.

INGESTION: Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

INHALATION: Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Combustible liquid and vapor.Product polymerized to solid by water.

EXTINGUISHING MEDIA: Use dry chemical extinguisher or flush with large amounts of water.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible by-products of carbon monoxide/dioxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Polymerize with water. Solid material may be scraped from surface.

LARGE SPILL: Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: None known.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

HANDLING: Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes and clothing. Keep container closed when not in use.

STORAGE: Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition.

STORAGE TEMPERATURE: Ideal storage: 41-50F (5-10C)

SHELF LIFE: One year from the date of shipment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in a well ventilated area. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: S24/25: Avoid contact with skin and eyes. Wash thoroughly after handling.Avoid contact with clothing as contact can cause burn.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: 85°C (185°F) CC - Closed Cup

PHYSICAL STATE: Liquid

ODOR: Characteristic odor, intensely irritating.

APPEARANCE: Transparent, colorless liquid.

PERCENT VOLATILE: <20g/L

VAPOR PRESSURE: 1mm Hg @ 20C

VAPOR DENSITY: Not Established

BOILING POINT: 185°C (365°F)

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.06

VISCOSITY #1: 250 to 350 Centipoise at 22°C (72°F)

(VOC): < 20.000 g/L

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Avoid temperatures above 176° F (80°C), moisture and alkalines.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition. Oxides of nitrogen and probably hydrogen cyanide are also possible.

INCOMPATIBLE MATERIALS: Polymerized by water, alcohol, amines, alkaline materials and direct UV.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg

Notes: (Estimated)

ORAL LD₅₀: > 5000 mg/kg

Notes: (Estimated)

INHALATION LC₅₀: Vapors may be irritating. Recommended TWA 0.2ppm.

EYE EFFECTS: Bonds skin and eyes in seconds. Eye irritant.

SKIN EFFECTS: Irritating to skin. May cause allergic skin reaction with prolonged contact.

SENSITIZATION: Possible skin sensitizer.

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Polymerize with water to a solid material. Dispose of as solid waste or trash in accordance with local government regulations of the region.

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not restricted

AIR (ICAO/IATA)

SHIPPING NAME: Not restricted

VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

15. REGULATORY INFORMATION

16. OTHER INFORMATION

RELEVANT R-PHRASES: R36/37/38: Irritating to eyes, respiratory system and skin.

APPROVED BY: Mary Robles **TITLE:** Regulatory Affairs Manager

MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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Module 1. Chemicals

1.1 Product identifier

: 2-cyanoacrylate

product name

1.2 Other methods of identification

No data available

1.3 The use of the identified substances or mixtures and recommendations are not suitable for use

Only for research and development. Not as a drug, family or other use.

Module 2. Overview of Hazards

2.1 GHS-Classification

Flammable liquids (category 4)

Skin irritation (category 2)

Eye irritation (category 2A)

Specific target organ toxicity (one exposure) (category 3), respiratory system

2.2 GHS Marking elements, including proactive statements

Pictograms

Warning word warning

Danger statement

H227 Flammable liquid

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Warning statement

Precaution

P210 away from heat, sparks, open flames and hot surfaces. - No smoking.

P261 Avoid inhalation of dust / smoke / gas / smoke / vapor / spray.

P264 After operation, thoroughly clean the skin.

P271 can only be used outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection cover / face protection cover.

Accident response

P302 + P352 For contact with skin: rinse with plenty of water.

P304 + P340 If inhaled: Move victim to fresh air and keep breathing comfortable in a resting position.

P305 + P351 + P338 In case of contact with eyes, rinse gently with water for several minutes. Such as wearing contact lenses and can be easily taken

Out, remove contact lenses, and then continue to rinse.

P312 If you feel unwell, call the poison control center or doctor.

P321 specific disposal (see the first aid instructions provided on this label).

P332 + P313 If you feel skin irritation: seek medical treatment / treatment.

P337 + P313 If you still feel eye irritation: seek medical treatment / treatment.

P362 + P364 take off the stained clothes, clean before re-use.

P370 + P378 In the event of a fire: extinguish with dry sand, dry powder or anti-soluble foam.

Safe storage

P403 + P233 stored in a well ventilated place. Keep the container closed.

P403 + P235 Keep low temperature and store in a well ventilated area.

P405 storage place to be locked.

Disposal

P501 Dispose of contents / containers to approved waste treatment plants.

2.3 Other hazards

Tear, stench

Module 3. Composition / composition information

3.1 substance

: C₆H₇NO₂

Molecular formula

: 125.13 g / mol

Molecular weight

Component concentration or concentration range

Ethyl 2-cyanoacrylate

<= 100%

Chemical Abstracts Registry Number (CAS 7085-85-0

No. 230-391-5

EC-No. 607-236-00-9

Index number

Module 4. First aid measures

4.1 Description of the necessary first aid measures

General advice

Consult a doctor. Present this safety technician to the doctor at the site.

Inhalation

If inhaled, move the patient to fresh air. Such as breathing to stop, artificial respiration. Consult a doctor.

skin contact

Wash with soap and plenty of water. Consult a doctor.

eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a doctor.

Ingestion

Do not allow vomiting. Do not give anything to the unconscious by the mouth. Rinse with water. Consult a doctor.

4.2 Major symptoms and effects, acute and delayed effects

Cough, shortness of breath, headache, nausea, vomiting, damage to eyes

4.3 Timely medical treatment and instructions and instructions for special handling required

No data available

Module 5. Fire protection measures

5.1 Extinguishing media

Fire fighting methods and extinguishing agents

Fire with water mist, anti-ethanol foam, dry powder or carbon dioxide.

5.2 Special hazards arising from this substance or mixture

Carbon oxides, nitrogen oxides

5.3 advice to firefighters

If necessary, wear self-contained breathing apparatus to fire.

5.4 Further information

Fill the unopened container with water.

Module 6. leak emergency treatment

6.1 Protective measures for workers, protective equipment and emergency procedures

Use personal protective equipment. Avoid inhalation of vapor, smoke or gas. To ensure adequate ventilation.

Remove all fire sources.

Personnel evacuated to a safe area. Beware of the accumulation of steam to reach the explosive concentration.

Steam can accumulate in low temperature.

6.2 Environmental protection measures

If safety is ensured, measures may be taken to prevent further leakage or spillage. Do not let the product enter the sewer.

6.3 Leakage of chemicals, removal methods and disposal materials used

Containment spill, collect the spill with an anti-electric vacuum cleaner or wet brush and place it in a container and handle it according to local regulations (see Section 13

Minute). Placed in a suitable closed container to be treated.

6.4 refer to other parts

For disposal, see Section 13.

Module 7. Handling and storage

7.1 Precautions for safe operation

Avoid contact with skin and eyes. Avoid inhalation of steam and smoke.

Do not touch the fire. -No smoking. Take measures to prevent static buildup.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container closed and stored in dry and ventilated place.

Recommended storage temperature: 2 - 8 ° C

The product is sensitive to light and moisture.

7.3 Specific use

No data available

Module 8. Exposure controls and individual protection

8.1 Allowable concentration

Maximum allowable concentration

8.2 Exposure controls

Appropriate technical control

According to good industrial hygiene and safety practices. Wash hands before rest and at the end of work.

Personal protective equipment

Eye / face protection

Safety glasses with protective shields EN166 Compliant Please use official standards such as NIOSH (US) or EN 166

(EU)

Detection and approval of the equipment to protect the eye.

Skin protection

Wear gloves must be checked before use.

Please use the appropriate method to remove the gloves (do not touch the external surface of the gloves), to avoid any skin parts contact with this product.

After use, please treat the contaminated gloves in accordance with the relevant laws and regulations and effective laboratory procedures. Please clean and dry hands

The protective gloves selected must comply with the EU Directive 89/686 / EEC and the EN 376 standard derived from it.

Physical protection

The type of protective equipment, protective equipment must be selected according to the concentration and quantity of hazardous substances in a particular workplace.

Respiratory protection

If the risk assessment shows the need to use air purification of gas masks, please use the full-cover multi-functional gas mask (US) or ABEK type

(EN

14387) Gas mask as a candidate for engineering control. If the gas mask is the only way to protect it, use a full cover air blow

Toxic mask. Respirators use tested respirators and parts through government standards such as NIOSH (US) or CEN (EU).

Module 9. Physical and chemical properties

9.1 Basic physical and chemical characteristics of the information

A) appearance and traits

Shape: liquid

Color: colorless

B) Odor

Irritating

C) Odor threshold

No data available

D) pH

No data available

E) Melting point / freezing point

Melting point / freezing point: -31 ° C

F) Boiling point, initial boiling point and boiling range

About 214 ° C at 1,003 hPa

G) flash point

85 ° C - closed cup

H) Evaporation rate

No data available

I) Flammability (solid, gas)

No data available

J) High / low burnability or explosive limits No data available

K) vapor pressure

<= 0.21 hPa at 20 ° C

L) steam density

No data available

M) density / relative density

1.040 g / cm³

N) water solubility

0.00002 g / l at 20 ° C - insoluble

O) n-octanol / water partition coefficient

Octanol - water partition coefficient of the logarithm: 1.42

P) Autoignition temperature

480 ° C at 1,013 hPa

Q) decomposition temperature

No data available

R) viscosity

No data available

Module 10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Stability

No data available

10.3 Hazardous reactions

No data available

10.4 Conditions to be avoided

Hot, flame and spark.

10.5 incompatible substances

Reducing agents, water, amines, alcohols, alkali metals, oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - no data available

Module 11. Toxicological information

Carcinogenicity

IARC:

There are no human carcinogens in this product that are greater than or equal to 0.1% of the components identified by IARC as possible or affirmative.

Reproductive toxicity

No data available

Specific target organ toxicity (one exposure)

No data available

Specific target organ toxicity (repeated exposure)

No data available

Risk of inhalation

No data available

Potential health effects

Inhalation may be harmful. Causing respiratory irritation.

It is harmful if ingested.

Skin absorption through the skin may be harmful. Causes skin irritation.

Eyes cause serious eye irritation.

Symptoms and symptoms after exposure

Cough, shortness of breath, headache, nausea, vomiting, damage to eyes

Additional information

Chemical substance toxicity registration: UD3330000

Module 12. Ecological information

12.1 Ecotoxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Potential bioaccumulation

No data available

12.4 Mobility in soil

No data available

12.5 Evaluation of PBT and vPvB results

No data available

12.6 Other adverse effects

No data available

Module 13. Dispose of disposal

13.1 Waste treatment methods

product

This explosive product can be burned in a chemical incinerator with post-combustion and scrubbing

Leave the remaining and non-recyclable solutions to a licensed company.

Contaminated containers and packaging

Dispose of in unused product.

Module 14. Transport information

14.1 United Nations Dangerous Goods Number

European land transport regulations: - International Maritime Hazard: - International Air Transport Hazard: -

14.2 United Nations transport name

European land transport regulations: non - dangerous goods

International Maritime Hazard: Non - Dangerous Goods

International air transport regulations: non - dangerous goods

14.3 Transport hazard categories

European land transport regulations: - International Maritime Hazard: - International Air Transport Hazard: -

14.4 package group

European land transport regulations: - International Maritime Hazard: - International Air Transport Hazard: -

14.5 Environmental hazards

European land transport regulations: No international maritime pollution regulations International air transport regulations: No

Marine pollutants (yes / no): No

14.6 Special reminders for users

No data available

Module 15 - Regulatory information

N / A

Module 16 - Additional Information

N / A