



SAFETY DATA SHEET

2000

Revision Date 06/17/2020



Distributed By
Freeman Manufacturing & Supply Co.
www.freemansupply.com 800-321-8511



SECTION 1. IDENTIFICATION

Product name 2000

Manufacturer or supplier's details

Company Freeman Manufacturing & Supply Company, Marco Die Supplies

Address 1101 Moore Road
Avon, OH 44011

Telephone 1-800-934-1902

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use Cyanoacrylate Adhesive

Restrictions on use For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	colorless
Odor	pungent

GHS Classification

Flammable liquids Category 4
Skin irritation Category 2
Eye irritation Category 2A
Specific target organ toxicity - single exposure Category 3 (Respiratory system)

GHS label elements

Hazard pictograms



Signal Word : Warning

Hazard Statements:

H227 Combustible liquid. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

Precautionary Statements:

Prevention: P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P261 Avoid breathing dust/ fume/ gas/ mist! vapors/ spray. P264 Wash skin thoroughly after handling.



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P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration[%]
ethyl 2-cyanoacrylate	7085-85-0	90 - 100

SECTION 4. FIRST AID MEASURES

General advice Show this material safety data sheet to the doctor in attendance.

If inhaled Move to fresh air.
If not breathing, give artificial respiration.
Keep patient warm and at rest.
Consult a physician after significant exposure.

In case of skin contact Wash off immediately with soap and plenty of water.
Call a physician if irritation develops or persists.
Cyanoacrylate. Danger. Bonds skin and eyes in seconds.
Keep out of the reach of children.

In case of eye contact Rinse immediately with plenty of water, also under the eyelids.
Seek medical advice.



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If swallowed	If swallowed, call a poison control center or doctor immediately. Do not induce vomiting without medical advice.
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SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Water spray jet
Hazardous combustion products	Nitrogen oxides (NOx)
Specific extinguishing methods	
Further information	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for fire-fighters	Wear an approved positive pressure self-contained breathing apparatus in addition to standard firefighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.
Environmental precautions	Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	Allow to solidify. Pick up and transfer to properly labeled containers. Ventilate the area.

SECTION 7. HANDLING AND STORAGE

Local/Total ventilation	Use only with adequate ventilation.
Advice on safe handling	Wear personal protective equipment. Do not get on skin or clothing. Use only in an area equipped with a safety shower.
Conditions for safe storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.
Materials to avoid	Do not store together with oxidizing and self-igniting products.



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ethyl 2-cyanoacrylate	7085-85-0	PEL	0.2 ppm 1.02 mg/m ³	CAL PEL
		TWA	0.2 ppm	ACGIH
		STEL	1 ppm	ACGIH

Personal protective equipment

Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type	Combined particulates and organic vapor type
Hand protection	
Material	Nitrile rubber
Remarks	Do not wear cotton or natural fiber gloves.
Eye protection	Tightly fitting safety goggles Ensure that eyewash stations and safety showers are close to the workstation location.
Skin and body protection	Long sleeved clothing Preventive skin protection
Protective measures	Avoid contact with skin.
Hygiene measures	Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
Color	colorless
Odor	pungent
Odor Threshold	No data available
Melting point/freezing point	is not determined
Boiling point/boiling range	is not determined, > 190 °C
Flash point	80 °C Method: closed cup
Evaporation rate	is not determined
Flammability (solid, gas)	Not classified as a flammability hazard



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Upper explosion limit	Upper flammability limit is not determined
Lower explosion limit	Lower flammability limit is not determined
Vapor pressure	1 hPa (25 °C)
Density	0.9 - 1.1 g/cm ³
Solubility(ies)	
Water solubility	is not determined insoluble
Partition coefficient: n- octanol/water	No data available
Autoignition temperature	is not determined
Viscosity	
Viscosity, kinematic	: is not determined

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	The product is chemically stable.
Hazardous decomposition products	Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration toxicity	No data available



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

Do not dispose of together with household waste.
Do not dispose of waste into sewer.
To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14. TRANSPORT INFORMATION

Special precautions for user

Remarks

49CFR: Not dangerous goods in non-bulk packaging.

Domestic regulation

49CFR

UN/ID/NA number	1993
Proper shipping name	Combustible liquid, n.o.s.
Class	CBL
Packing group	III
ERG Code	128
Marine pollutant	no



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International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards Flammable (gases, aerosols, liquids, or solids)
Skin corrosion or irritation
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 302 This material does not contain any components with a section 302 EHS TPQ.

SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations

California Prop 65 : Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

TSCA All substances listed as active on the TSCA inventory
DSL All components of this product are on the Canadian DSL
AICS On the inventory, or in compliance with the inventory
ENCS On the inventory, or in compliance with the inventory
KECI On the inventory, or in compliance with the inventory
PICCS On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory
Inventories Legend TSCA (USA), DSL (Canada), REACH (Europe), AICS (Australia), NZioC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)



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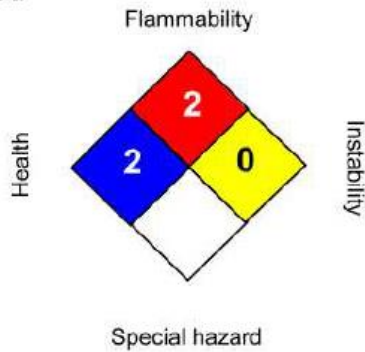
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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