



Starbond NO-05 Infiltrant Odorless Thin CA Glue Safety Data Sheet

This SAFETY DATA SHEET has been prepared in accordance with (EC) No 1907/2006 (REACH). Revision Date: 01/11/2019 Revision: 0002

Section 1: Identification

Product Identifier

Chemical Product Name: Starbond NO-05 Infiltrant Odorless Thin CA Glue

Name, Address, and Telephone of the Responsible Party

Company

CPH International
1450 W. 228th St. Suite #11,
Torrance, CA 90501
T: 213-382-7788
www.starbond.com

Manufacturer

Starbond
1450 W. 228th St. Suite #11,
Torrance, CA 90501
T: 213-382-7788

Emergency Telephone Number : (800) 424-9300 (Chemtrec- US)
(703) 527-3887 (International - Call Collect)

Section 2: Hazard(s) Identification

Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008

This product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC

This product does not require a hazard warning label in accordance with EC-directives.



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Section 2: Hazard(s) Identification

Label Elements (CLP): Labeling according to Regulation (EC) No 1272/2008

Hazard Pictograms : None
Signal Word : None
Hazard Statements : Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Precautionary Statements : None

Other Hazards

None if used properly

Section 3: Composition / Information on Ingredients

General chemical description: Cyanoacrylate Adhesive
Base substances of preparation: Cyanoacrylate

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Name	Product Identifier	%	REACH Registration numbers
Methoxyethyl-2-cyanoacrylate	(CAS-No.) 27816-23-5	> 99	01-2120070891-53-0000 01-2120070891-53-0001

Section 4: First-Aid Measures

Description of First-aid Measures

First-aid Measures After Inhalation: Move to fresh air, consult doctor if complaint persists.

First-aid Measures After Skin Contact: Instantly wash affected parts of the body with water and soap and rinse thoroughly. Seek medical treatment and present this data sheet.

First-aid Measures After Eye Contact: If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

First-aid Measures after Ingestion: Ensure that breathing passages are not obstructed. The product will polymerize immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth.



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Most Important Symptoms and Effects Both Acute and Delayed

No Data available

Indication of Any Immediate Medical Attention and Special Treatment Needed

See section: Description of first aid measures.

Section 5: Fire-Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Alcohol-resistant foam, dry powder, carbon dioxide, water spray jet.

Unsuitable Extinguishing Media: High volume water jet.

Special hazards Arising from the substance or mixture

In the event of fire the following can be released: Nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂).

Advice for Firefighters

In case of fire and/or explosion do not breathe fumes. Firefighters should wear positive pressure self-contained breathing apparatus (SCBA). Firefighting operations, rescue and cleaning work under effect of combustion and smolder gases just may be done with breathing apparatus. Dispose of contaminated extinction water according to official regulations.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For non-emergency personnel: Use personal protective clothing.

For emergency responders : Avoid contact with eyes or skin.



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Environmental Precautions

If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities.

Methods and Materials for Containment and Cleaning Up

Do not use cloth for clean up. Flood with water to complete polymerization and scrape up the polymer. Solid material can be disposed as non-hazardous waste.

Reference to Other Sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

Section 7: Handling and Storage

Precautions for Safe Handling

Recommendations: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists. Wash thoroughly after handling. Avoid contact with fabric and paper goods. Contact with these may cause polymerization that can generate smoke and strong irritating vapors, and can cause thermal burns.

Advice on general occupational hygiene:

Wash hands and face before eating.

Conditions for Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Incompatible products: Do not store together with alkalis.

Specific End Use(s)

Cyanoacrylate

Section 8 : Exposure Controls / Personal Protection

Control Parameters

Valid for Great Britain

None

Section 8 : Exposure controls / Personal Protection

Exposure Controls

Appropriate Engineering Controls:

If general ventilation is insufficient to maintain vapor concentration below established exposure limits, use protective downdraft exhaust ventilation.

Individual Protection Measure:

General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.

Eye/Face protection : Safety glasses with side shields or chemical splash goggles.

Skin protection : Do not use PVC, rubber, cotton or nylon gloves.

Hand protection : Tested protective gloves are to be worn: Suitable material: Synthetic rubber gloves. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Respiratory protection : Not needed



Environmental exposure controls:

Do not empty into drains or the aquatic environment.

Section 9 : Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	: Liquid, colorless to straw liquid
Odor	: Low odor
Odor Threshold	: Not available.
pH	: No applicable.
Evaporation Rate	: No data available
Melting Point/ Freezing Point	: -
Initial boiling point and boiling range	: >200°C
Flash point	: 80-93.4°C (Method: Tag closed Cup)
Evaporation rate (Butyl acetate =1)	: Not available.
Flammability	: Not available.



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Upper/lower flammability	: Not available.
Vapor pressure (25°C)	: Less than 0.2 mmHg
Vapor density (Air=1)	: Approximately 3
Relative density	: 1.1g/cm ³
Solubility	: Polymerizes in presence of water.
Partition coefficient	: Not applicable
Auto-ignition temperature	: 485°C
Decomposition temperature	: Not applicable
Viscosity	: 4-7 cps.
Explosive properties	: Product is not explosive.
Oxidizing properties	: Product is not oxidizing.
Other information	
Specific gravity	: 1.10 (25°C)
VOC content	: Less than 2%; 20g/l (California SCAQMD Method 361B)

Section 10 : Stability and Reactivity

Reactivity: Rapid exothermic polymerization will occur in the presence of water, amines, alkalis, oxidizing agents and alcohols. Stable under recommended storage conditions.

Chemical Stability: The product is in compliance with the storage and processing conditions, chemically stable.

Possibility of Hazardous Reactions: Danger of polymerization. Polymerization with evolution of heat.

Conditions to Avoid: None if used for intended purpose.

Incompatible Materials: Water, amines, alkalis, oxidizing agents and alcohols.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Nitrous oxides (NO_x).

Section 11 : Toxicological Report

Information on Toxicological Effects

Acute toxicity

(oral)	: Not classified
(dermal)	: Not classified
(vapors)	: No data



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Skin corrosion/ irritation	: Not classified
Serious eye damage/ eye irritation	: Not classified
Respiratory sensitization	: No data
Skin sensitization	: Not classified
Germ cell mutagenicity	: negative
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity-Single exposure	: Not classified
Specific target organ toxicity-Repeated exposure	: Not classified
Aspiration hazard	: No data

Section 12 : Ecological Information

Toxicity: Biological and chemical oxygen demands (BOD and COD) are insignificant. Do not empty into drains/ surface water/ ground water. Do not allow uncontrolled leakage of product into the environment.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: Cured adhesives are immobile.

Results of PBT and vPvB assessment: The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Other adverse effects: No further relevant information available.

Section 13 : Disposal Considerations

Waste Treatment Methods

Waste treatment containers: Dispose according local, province/state, country's governmental regulations.

Appropriate methods of waste treatment of substance: Cured adhesive: Disposal of as water insoluble non-toxic solid chemical in authorized landfill or incinerate under controlled conditions.

Appropriate methods of waste treatment of packaging: After use, tubes, cartons, and bottles containing residual product should be disposed of as chemically contaminated waste in an authorized legal land fill site or incinerated. Disposal must be made according to official regulations.



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Section 16 : Other Information

Date of Preparation or Latest Revision : 01/11/2019

Other Abbreviation:

PBT : Persistent, Bioaccumulative, Toxic

vPvB : Very persistent and very bioaccumulative

LD50 : Lethal dose, 50 percent

LC50 : Lethal concentration, 50 percent

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. Substances has been classified in accordance with Regulation (EC) 1272/2008 (CLP).