

1.1. Product Identifier

Product Form: Mixture

Product Name: Starbond Super Glue Brush-On Accelerator

1.2. Intended Use of the Product Use of the Substance/Mixture: To speed up the drying time of super glues.

1.3. Name, Address, and Telephone of the Responsible Party:

Company	Manufacturer
CPH International 1450 W. 228th St. Suite 11 Torrance, CA 90005 T: 213-382-7788 T: 1-800-900-4583 (GLUE) www.starbond.com	Starbond 1450 W. 228th St. Suite 11 Torrance, CA 90005 T: 213-382-7788 T: 1-800-900-4583 (GLUE) www.starbond.com

1.4. Emergency Telephone Number

Emergency Number: 1-800-900-4583 (GLUE)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture GHS-US Classification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2)	H225
Acute toxicity, Oral (Category 3)	H301
Acute toxicity, Inhalation (Category 2)	H330
Acute toxicity, Dermal (Category 3)	H311
Eye irritation (Category 2A)	H319
Skin irritation (Category 2)	H315
Aspiration hazard (Category 1)	H304
Specific target organ toxicity - single exposure (Category 3), Central nervous system	H336
Specific target organ toxicity - repeated exposure, Oral (Category 2), Reproductive organs	H373
Carcinogenicity (Category 2)	H351
Specific target organ toxicity - repeated exposure, Oral (Category 2), Reproductive organs	H373
Short-term (acute) aquatic hazard (Category 3)	H402
Long-term (chronic) aquatic hazard (Category 3)	H412

Full text of hazard classes and H-statements: see Section 16.

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) Danger

⚠ WARNING: This product can expose you to chemicals including Trade Secret (*) which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Hazard Statements (GHS-US)

- H225 - Highly flammable liquid and vapor
- H227 - Combustible liquid.
- H301 + H311 - Toxic if swallowed or in contact with skin.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation.
- H330 - Fatal if inhaled. H351 Suspected of causing cancer.
- H336 - May cause drowsiness or dizziness.
- H351 - Suspected of causing cancer

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- H373 - May cause damage to organs (Reproductive organs) through prolonged or repeated exposure if swallowed.
- H400 - Toxic to aquatic life
- H402 - Harmful to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H412 - Harmful to aquatic life with long lasting effects.

- Precautionary Statements (GHS-US)**
- P101 - If medical advice is needed, have product container or label at hand
 - P102 - Keep out of reach of children
 - P103 - Read label before use
 - P201 - Obtain special instructions before use
 - P202 - Do not handle until all safety precautions have been read and understood
 - P210 - Keep away from heat/sparks/open flames/hot surfaces – No smoking
 - P233 - Keep container tightly closed
 - P240 - Ground/bond container and receiving equipment
 - P241 - Use explosion-proof electrical/ventilating/light/.../equipment
 - P242 - Use only non-sparking tools
 - P243 - Take precautionary measures against static discharge
 - P260 - Do not breathe dust/fume/gas/mist/vapors/spray
 - P264 - Wash hands thoroughly after handling
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection
 - P281 - Use personal protective equipment as required
 - P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 - P302+352 - IF ON SKIN: Wash with soap and water
 - P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 - P308+313 - IF exposed or concerned: Get medical advice/attention
 - P314 - Get Medical advice/attention if you feel unwell
 - P331 - Do NOT induce vomiting
 - P332+313 - If skin irritation occurs: Get medical advice/attention
 - P362 - Take off contaminated clothing and wash before reuse
 - P370+378 - In case of fire: Use dry chemicals for extinction
 - P403+235 - Store in a well-ventilated place. Keep cool
 - P405 - Store locked up
 - P501 - Dispose of contents/container to an authorized RCRA facility

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Name	EC No.	CAS No.	Content %	GHS Classification
Trade Secret (*)	Trade Secret	Trade Secret	90-100%	Flam. Liq. 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H225, H315, H336, H304, H400, H410
Trade Secret (*)	Trade Secret	Trade Secret	0-10%	Flam. Liq. 4; Acute Tox. 3; Acute Tox. 2; Acute Tox. 3; Carc. 2; STOT RE 2; Aquatic Acute 3; Aquatic Chronic 3; H227, H301, H330, H311, H351, H373, H402, H412

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Full text of H-phrases: see Section 16.

Trade Secret (*) information will be available for medical professional use only

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

Eyes:

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin:

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing:

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation:

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (i.e., asthma-like conditions), blood-forming system.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical.

5.2. Special Firefighting Procedures

Water may be ineffective. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full coverage face piece operated in the positive-pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment.

5.3. Unusual Fire and Explosion Hazards

Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Flammable material

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective clothing as described in Section 8.

6.2. Environmental Precautions

Spillages or uncontrolled discharges into watercourses must immediately be alerted to Environmental Agency or other appropriate regulatory authority

6.3. Spill Cleanup Methods

Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, open flames, and smoking. Ventilate. Absorb in vermiculite, dry sand, or earth and place into containers for disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Keep away from heat, sparks, and open flames. Avoid spilling, skin, and eyes contact. Use with adequate ventilation and avoid excessive exposure to solvent vapors. Use approved respirator if air contamination exceeds the accepted level.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

FLAMMABLE/Combustible. Keep away from oxidizers, open flames, and other ignition sources. Keep unused contents in original container and tightly closed lids. Store in a cool, dry, and well-ventilated place and at store at an ambient temperature not exceeding 120°F.

7.3. Storage Class

FLAMMABLE liquid storage.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. NOTICE:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough), stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, high blood sugar, coma.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

INGESTION HEALTH RISK AND SYMPTOMS OF EXPOSURE:

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

HEALTH HAZARDS (ACUTE AND CHRONIC):

This material (or a component) shortens the time of onset or worsens the liver and kidney damage induced by other chemicals. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, blood abnormalities. This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. Based on the available information, this material cannot be classified about carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration

CARCINOGENICITY	NTP
CARCINOGEN	N/A
IARC MONOGRAPHS	N/A
OSHA REGULATED	N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT:

Preexisting eye, skin, heart, central nervous system, and respiratory disorders may be aggravated by exposure to this product.

Name	Workplace Exposure Limits	Remarks
Trade Secret (*)	TWA - 0.5 ppm. USA. Workplace Environmental Exposure Levels (WEEL)	Consult local authorities for acceptable exposure limits
Trade Secret (*)	NIOSH: 85 ppm, 350 mg/m ³ TWA OSHA: 500 ppm, 2000 mg/m ³ TWA– Table Z-1 California-Title 8, Article 107: STEL: 500 ppm, 2000 mg/m ³ PEL: 400 ppm, 1600 mg/m ³ ACGIH- TLV TWA- 400 ppm STEL-500 ppm	Same As Above



Materials for Protective Clothing: Chemically resistant materials and fabrics.

PROCESS CONDITIONS: Provide eyewash station.

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ENGINEERING MEASURES: Provide adequate ventilation. Fully equipped spray booth is recommended to ensure the workers legal exposure limits are not exceeded.

RESPIRATORY EQUIPMENT: Wear respirator with appropriate cartridge for organic solvents and chemicals.

HANDPROTECTION: Wear approved gloves such as Neoprene, Nitrile or Rubber types.

EYE PROTECTION: Wear splash-proof goggles.

OTHER PROTECTION: Wear appropriate clothing to prevent any possible skin contact.

HYGIENE MEASURES: DO NOT SMOKE IN THE WORK AREA. Wash at the end of each work shift and before eating, drinking, or smoking. Promptly remove contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Colorless Liquid
Odor	Mild/Sweet Characteristics
Odor Threshold pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	< -30 °C (< -22 °F)
Boiling Point	97.77 °C (208 °F)
Flash Point	25 ° F (Closed Cup)
Auto-ignition Temperature	485 °C (905 °F)
Decomposition Temperature	NA
Flammability (solid, gas)	NA
Vapor Pressure	NA
Relative Vapor Density	3.1 (Air = 1)
Relative Density	0.735 g/mL
Solubility (g/100g H2O @ 20°C)	No data available
Partition Coefficient N-Octanol/Water	No Data available
Viscosity	NA
Lower Flammable Limit	NA
Volatile Organic Compound (VOC)	20% from Aerosol Propellant 157 g/L

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Stability: Stable.

10.2. Conditions to Avoid: Heat and fires. Ignition sources.

10.5. Incompatible Materials: Avoid contact with acids, strong oxidizing agents.

10.6. Hazardous Decomposition Products: May form carbon dioxide and carbon monoxide

10.7. Hazardous Polymerization: Will not undergo Hazardous polymerization

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Inhalation, dust, mist: Harmful if inhaled.

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Trade Secret (*) (CAS#Trade Secret)	RTECS#: CAS# Trade Secret
Carcinogenicity	Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Routes of Entry	Absorbed through skin. Dermal contact. Eye contact.
Toxicity to Animals	WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute toxicity of the vapor (LC50): 1400 mg/m 4 hours [Rat]. 3
Chronic Effects on Humans	Not available.
Other Toxic Effects on Humans	Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation

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Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	May affect genetic material (mutagenic)
Special Remarks on other Toxic Effects on Humans	
Acute Potential Health Effects	Skin: May cause skin irritation. May be harmful if absorbed through skin. Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation. May affect respiration (dyspnea, respiratory stimulation). Harmful if inhaled. Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, and diarrhea. Harmful if swallowed. The toxicological properties of this substance have not been fully investigated. Chronic Potential Health Effects: There is a danger of cumulative effects
Trade Secret (*) (CAS#Trade Secret): RTECS#:	MI7700000
LD50/LC50	Inhalation, rat: LC50 = 103 gm/m3/4H
Carcinogenicity	Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Epidemiology	No information found
Teratogenicity	No information found
Reproductive Effects	No information found
Mutagenicity	No information found
Neurotoxicity	No information found

SECTION 12: ECOLOGICAL INFORMATION

Trade Secret (*) (CAS#Trade Secret)	
Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Hazardous wastes should be sent to a RCRA approved incinerator or disposed of in a RCRA approved waste facility. Dispose of container and unused contents in accordance with federal, state, and local requirements.

CAS# 99-97-8 DMPT is listed on the TSCA inventory.

I certify that all chemicals in this shipment comply with all applicable rules or orders under TSCA and that I am not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on several variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name: UN1206 Heptanes

PRIMARY HAZARD CLASS/DIVISION: 3

UN/UA NUMBER: UN1206

Packing Group: II

Note: Small quantities will qualify for the small quantity exception as an "ORM-D Consumer Commodity"

IMO PROPER SHIPPING NAME: N-HEPTANE

IMO UN CLASS: 3

IMO UN CLASS: 1206

IMO PACKING GROUP: II

IMO LABEL: Flammable Liquid

IMO VESSEL STOWAGE: E

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Air shipping this product is not advised and if done must be handled by a certified carrier according to IATA rules.



GHS LABEL:

DANGER

HIGHLY FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL OR FATAL IF SWALLOWED AND ENTERS AIRWAYS. HARMFUL TO AQUATIC LIFE.

Refer to SDS for additional information on safe handling / use. - Keep out of reach of children.

Contains: Trade Secret (*) (90-100%), and Trade Secret (*) (0-10%).

⚠ WARNING: This product can expose you to chemicals including Trade Secret (*) which is known to the State of California to cause cancer. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

SECTION 15: DISCLAIMER

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

H225	Highly flammable liquid and vapor
H227	Combustible liquid
H301 + H311	Toxic if swallowed or in contact with skin
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H373	May cause damage to organs (Reproductive organs) through prolonged or repeated exposure if swallowed
H400	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects.

Above information is based on data supplied to us and is believed to be correct. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available after the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. It is the user's obligation to determine the safe use of it.

SDS US (GHS HazCom)