



Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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Ultra-Fast Anchoring Adhesive Part A

SECTION 1: Identification

Product identifier

Product name: Ultra-Fast Anchoring Adhesive Part A
Product code: 196131010

Recommended use of the product and restriction on use

Relevant identified uses: Adhesive for fastening elements.
Uses advised against: Not determined or not applicable.
Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:
United States
CTS Cement Manufacturing Corporation
12442 Knott St.
Garden Grove, CA 92841
800-929-3030
info@ctscement.com

Emergency telephone number:

United States
CTS Cement Manufacturing Corporation
1-800-929-3030 (8 AM - 5 PM)

SECTION 2: Hazard(s) identification

GHS classification:

Respiratory or skin sensitization: Skin Sensitivity, category 1
Specific target organ toxicity - single exposure: STOT SE category 3, respiratory tract irritation
Serious eye damage/eye irritation: Eye irritation, category 2B

Label elements (29)

CFR Part 1910.1200

Hazard pictograms:



Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction.
H320 Causes eye irritation.
H335 May cause respiratory irritation.

Precautionary statements:

- P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No information available.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 97-90-5	Ethylene dimethacrylate	11.69
CAS number: 27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	6.677
CAS number: 38668-48-3	1,1'-(p-Tolylimino)dipropan-2-ol	0.9682

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First aid measures**Description of first aid measures****General notes:**

Take off immediately all contaminated clothing and wash it before reuse.

After inhalation:

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After skin contact:

Take off immediately all contaminated clothing and wash it before reuse.

After eye contact:

Rinse immediately, carefully, and thoroughly with eye-bath or water. In case of eye irritation, consult an ophthalmologist.

After swallowing:

Rinse mouth immediately and drink plenty of water

Most important symptoms and effects, both acute and delayed**Acute symptoms and effects:**

Allergic reactions.

Delayed symptoms and effects:

Allergic reactions.

Immediate medical attention and special treatment**Specific treatment:**

Treat symptomatically.

Notes for the doctor:

Treat symptomatically.

SECTION 5: Firefighting measures**Extinguishing media**

Suitable extinguishing media:

Extinguishing powder

Water spray jet

Unsuitable extinguishing media:

Full water jet.

Specific hazards during fire-fighting:

Pyrolysis products, toxic

Carbon monoxide

Special protective equipment for firefighters:

In case of fire and/or explosion do not breathe fumes.

Wear a self-contained breathing apparatus and chemical protective clothing.

Special precautions:

Suppress gases/vapors/mists with water spray jet. Collect contaminated life extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions:

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up:

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections:

Safe handling: see section 7.

Personal protection equipment (PPE): see section 8.

Disposal: see section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only outdoors or in a well-ventilated area.

When using do not eat, drink, or smoke.

Wash hands before breaks and after work.

No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels

Keep container tightly closed.

Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage

Do not use for products which come into contact with food.

Further information on storage conditions

Storage temperature: 41-77°F (5-25°C)

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Appropriate engineering controls:

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program. Wash hands and face before breaks and after work and take a shower if necessary. When using, do not eat or drink.

Personal protection equipment

Eye and face protection:

Wear eye protection/face protection.
Wear safety goggles with side shields as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin and body protection:

Wear suitable protective clothing.

When handling chemical substances, protective gloves must be worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0.4 mm NBR (Nitrile Rubber) >480 min (EN374)

Wearing time with permanent contact 0.5 mm NBR (Nitrile Rubber) >480 min (EN374)

Respiratory protection:

In case of inadequate ventilation, wear respiratory protection.

Should a respirator be needed, follow OSHA regulation for respirator use (29 CFR 1910.134). Wear an air-purifying NIOSH certified (or equivalent) respirator (with a high-efficiency particulate filter) as needed.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Appearance	Paste; light beige
Odor	Not available
Odor threshold	Not available
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point/range	Not determined
Flash point (closed cup)	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper flammability/explosive limit	Not determined
Lower flammability/explosive limit	Not determined
Vapor pressure	Not determined
Vapor density	Not determined

Density	Not available
Relative density	1.71 g/cm ³ at 20°C
Solubilities	Insoluble in water
Partition coefficient (n-octanol/water)	Not determined
Auto/Self-ignition temperature	Not available/ Not determined
Decomposition temperature	Not determined
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

Other information

Bulk density	Not available.
VOC (hardened final mixture)	70 g/L (SCAQMD, ASTM Method D2369)

SECTION 10: Stability and reactivity**Reactivity:**

No hazardous reaction when handled and stored according to provisions.

Chemical stability:

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions:

No known hazardous reactions.

Conditions to avoid:

None known.

Incompatible materials:

No information available.

Hazardous decomposition products:

None known hazardous decomposition products.

SECTION 11: Toxicological information**Acute toxicity**

CAS No.	Components				
	Exposure Route	Dose	Species	Source	Method
97-90-5	Ethylene dimethacrylate				
	Oral	LD50: 8700 mg/kg	Rat		
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol				
	Oral	LD50: 11200 mg/kg	Rat		
	Dermal	LD50: >5000 mg/kg	Rabbit		
38668-48-3	1,1'-(p-Tolylimino)dipropan-2-ol				
	Oral	LD50: 27.5 mg/kg	Rat		

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Other information:

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 12: Ecological information**Ecotoxicity**

The product is not ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects:

No information available.

Further information:

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**Disposal methods:****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport Information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information**United States regulations****Inventory listing (TSCA):**

All ingredients of this mixture are included on the TSCA Inventory.

National regulatory information**Sara Section 311/312 Hazards:**

Ethylene dimethacrylate (97-90-5): Immediate (acute) health hazard
Methacrylic acid, monoester with propane-1,2-diol (27813-02-1): Immediate (acute) health hazard
1,1'-(p-Tolylimino) dipropan-2-ol (38668-48-3): Immediate (acute) health hazard

California Proposition 65:

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product does not expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA Hazard Ratings:

Health: 2
Flammability: -
Reactivity: 1

Unique Hazard: -

Hazardous Materials Information Label (HMIS):

Health: 2

Physical Hazard: 1

Personal Protection: -

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

EC50: Effect concentration, 50%

ErC50: EC50 in terms of reduction of growth rate

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations (DRG) for air transport (IATA)

IARC: International Agency for Research on Cancer

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NOEC: No Observed Effect Concentration

NTP: National Toxicology Program

OECD: Organization for Economic Cooperation and Development

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

SARA: Superfund Amendments and Reauthorization Act

TLV: Threshold Limit Values

TSCA: Toxic Substances Control Act

Version #: 2

Revision Date: 11-15-22

End of Safety Data Sheet



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Initial preparation date: 09.21.2020

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Ultra-Fast Anchoring Adhesive Part B

SECTION 1: Identification

Product identifier

Product name: Ultra-Fast Anchoring Adhesive Part B

Product code: 196131010

Recommended use of the product and restriction on use

Relevant identified uses: Adhesive for fastening elements.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

CTS Cement Manufacturing Corporation

12442 Knott St.

Garden Grove, CA 92841

800-929-3030

info@ctscement.com

Emergency telephone number:

United States

CTS Cement Manufacturing Corporation

1-800-929-3030 (8 AM - 5 PM)

SECTION 2: Hazard(s) identification

GHS classification:

Serious eye damage/eye irritation: Eye Irritant: 2A

Respiratory or skin sensitization: Skin Sensitivity: 1

Label elements

29 CFR Part 1910.1200

Hazard pictograms:



Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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Precautionary statements:

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P363: Wash contaminated clothing before reuse.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No information available.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 94-36-0	Dibenzoyl peroxide	< 12
CAS number:		
CAS number:		
CAS number:		

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200). The product has been tested for aquatic toxicity. The tests show no need for classification of the product as toxic and harmful to aquatic life.

SECTION 4: First aid measures

Description of first aid measures

General notes:

Change contaminated, saturated clothing.

After inhalation:

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment if necessary.

After eye contact:

After contact with eyes, rinse with water with eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After swallowing:

Rinse mouth immediately and drink plenty of water

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Allergic reactions.

Delayed symptoms and effects:

Allergic reactions.

Immediate medical attention and special treatment

Specific treatment:

Treat symptomatically.

Notes for the doctor:

Treat symptomatically.

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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Coordinate fire fighting measures to the fire surroundings
Extinguishing powder
Water spray jet

Unsuitable extinguishing media:

Full water jet.

Specific hazards during fire-fighting:

Pyrolysis products, toxic
Carbon monoxide

Special protective equipment for firefighters:

In case of fire and/or explosion do not breathe fumes.
Wear a self-contained breathing apparatus and chemical protective clothing.

Special precautions:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Environmental precautions:

Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up:

Take up mechanically.
Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid, or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections:

Safe handling: see section 7.
Personal protection equipment (PPE): see section 8.
Disposal: see section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only outdoors or in a well-ventilated area.
When using do not eat, drink, or smoke.
Use protective skin cream before handling the product.
No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels

Keep container tightly closed.
Keep/store only in the original container.

Hints on joint storage

Do not use for products which come into contact with food. Store in a well-ventilated place. Keep cool.

Further information on storage conditions

Keep container tightly closed in a cool place.
Storage temperature: 41-77°F (5-25°C)

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Ultra-Fast Anchoring Adhesive

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

CAS No.	Substance	PPM	Mg/m3	Category	Origin
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	PEL
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	REL
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	ACGIH-2018
14808-60-7	Silica, crystalline (respirable dust)	-	0.05	TWA (8h)	REL
14808-60-7	Silica, crystalline-alpha-quartz (respirable fraction)	-	0.025	TWA (8h)	ACGIH-2018
14808-60-7	Silica, crystalline quartz, respirable dust	(Z-3)	(Z-3)	TWA (8h)	PEL

Commented [EF1]: Is silica in this product

Biological limit values:

A quartz (silica) contained is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded.

Commented [EF2]: Silica?

Appropriate engineering controls:

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program. Wash hands and face before breaks and after work and take a shower if necessary. When using, do not eat or drink.

Personal protection equipment

Eye and face protection:

Wear eye protection/face protection.

Wear safety goggles with side shields as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin and body protection:

Wear suitable protective clothing.

When handling chemical substances, protective gloves must be worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0.4 mm NBR (Nitrile Rubber) >480 min (EN374)

Wearing time with permanent contact 0.5 mm NBR (Nitrile Rubber) >480 min (EN374)

Respiratory protection:

In case of inadequate ventilation, wear respiratory protection.

Should a respirator be needed, follow OSHA regulation for respirator use (29 CFR 1910.134). Wear an air-purifying NIOSH certified (or equivalent) respirator (with a high-efficiency particulate filter) as needed.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Paste; black
Odor	Characteristic
Odor threshold	Not available
pH	Not applicable
Melting point/freezing point	Not determined
Initial boiling point/range	Not determined

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Flash point (closed cup)	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper flammability/explosive limit	Not determined
Lower flammability/explosive limit	Not determined
Vapor pressure	Not determined
Vapor density	Not determined

Density	Not available
Relative density	1.59 g/cm ³ at 20°C
Solubilities	Insoluble in water
Partition coefficient (n-octanol/water)	Not determined
Auto/Self-ignition temperature	Not available/ Not determined
Decomposition temperature	Not determined
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

Other information

Bulk density	Not available.
VOC (hardened final mixture)	42 g/L (SCAQMD, ASTM Method D2369)

SECTION 10: Stability and reactivity

Reactivity:

Violent reaction with an oxidizing agent.

Chemical stability:

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions:

Violent reaction with an oxidizing agent.

Conditions to avoid:

See section 7.2 (When using do not eat, drink, or smoke)

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

None known hazardous decomposition products.

SECTION 11: Toxicological information

Acute toxicity

CAS No.	Components				
	Exposure Route	Dose	Species	Source	Method
97-90-5	Dibenzoyl peroxide				
	Oral	LD50: >5000 mg/kg	Rat		

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Silica dust, crystalline, in the form of quartz or cristobalite (CAS 14808-60-7) is listed in group 1. Benzoyl peroxide (CAS 94-36-0) is listed in group 3.

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Ultra-Fast Anchoring Adhesive

Carcinogenicity (NTP): No ingredient of this mixture is listed.

SECTION 12: Ecological information

Ecotoxicity

The product is not: ecotoxic.

OECD 201 (Desmodesmus subspicatus)

IC10: (0 – 72 h) = 30 mg/l

IC50: (0 – 72 h) = 150 mg/l

OECD 202 (Daphnia Magna)

EC0/NOEC (48h) = 100 mg/l

EC50 (48h) = >500 mg/l

EC100 (48h) = >>500 mg/l

OECD 203 (Danio rerio)

LC0/NOEC: 250 mg/l

LC50: >500 mg/l

LC100: >>500 mg/l

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects:

No information is available.

Further information:

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

Disposal methods:

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport Information

United States Transportation of dangerous goods (49 CFR DOT 172.101)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
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UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

All ingredients of this mixture are included on the TSCA Inventory.

National regulatory information

SARA Section 311/312 Hazards:

Benzoyl peroxide (94-36-0): Reactive, immediate (acute) health hazard

SARA Section 313 Toxic release inventory:

Benzoyl peroxide (94-36-0): De minimis limit=1.0%, Reportable threshold = Standard

California Proposition 65:

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product does not expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA Hazard Ratings:

Health: 2

Flammability:

Reactivity: 2

Unique Hazard: -

Hazardous Materials Information Label (HMIS):

Health: 2

Physical Hazard: 1

Personal Protection: X

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

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CFR: Code of Federal Regulations
EC50: Effecton concentration, 50%
ErC50: EC50 in terms of reduction of growth rate
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for air transport (IATA)
IARC: International Agency for Research on Cancer
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
NOEC: No Observed Effect Concentration
NTP: National Toxicology Program
OECD: Organization for Economic Cooperation and Development
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
TLV: Threshold Limit Values
TSCA: Toxic Substances Control Act

Initial preparation date: 9/21/20

Version #: 1

Revision Date:

End of Safety Data Sheet



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Ultra-Fast Anchoring Adhesive Part B

SECTION 1: Identification

Product identifier

Product name: Ultra-Fast Anchoring Adhesive Part B

Product code: 196131010

Recommended use of the product and restriction on use

Relevant identified uses: Adhesive for fastening elements.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

CTS Cement Manufacturing Corporation

12442 Knott St.

Garden Grove, CA 92841

800-929-3030

info@ctscement.com

Emergency telephone number:

United States

CTS Cement Manufacturing Corporation

1-800-929-3030 (8 AM - 5 PM)

SECTION 2: Hazard(s) identification

GHS classification:

Serious eye damage/eye irritation: Eye Irritant: 2A

Respiratory or skin sensitization: Skin Sensitivity: 1

Label elements

29 CFR Part 1910.1200

Hazard pictograms:



Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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Ultra-Fast Anchoring Adhesive Part B

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

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

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No information available.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 94-36-0	Dibenzoyl peroxide	< 12
CAS number:		
CAS number:		
CAS number:		

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200). The product has been tested for aquatic toxicity. The tests show no need for classification of the product as toxic and harmful to aquatic life.

SECTION 4: First aid measures

Description of first aid measures

General notes:

Change contaminated, saturated clothing.

After inhalation:

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment if necessary.

After eye contact:

After contact with eyes, rinse with water with eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After swallowing:

Rinse mouth immediately and drink plenty of water

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Allergic reactions.

Delayed symptoms and effects:

Allergic reactions.

Immediate medical attention and special treatment

Specific treatment:

Treat symptomatically.

Notes for the doctor:

Treat symptomatically.

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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Coordinate fire fighting measures to the fire surroundings
Extinguishing powder
Water spray jet

Unsuitable extinguishing media:

Full water jet.

Specific hazards during fire-fighting:

Pyrolysis products, toxic
Carbon monoxide

Special protective equipment for firefighters:

In case of fire and/or explosion do not breathe fumes.
Wear a self-contained breathing apparatus and chemical protective clothing.

Special precautions:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Environmental precautions:

Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up:

Take up mechanically.
Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid, or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections:

Safe handling: see section 7.
Personal protection equipment (PPE): see section 8.
Disposal: see section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only outdoors or in a well-ventilated area.
When using do not eat, drink, or smoke.
Use protective skin cream before handling the product.
No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels

Keep container tightly closed.
Keep/store only in the original container.

Hints on joint storage

Do not use for products which come into contact with food. Store in a well-ventilated place. Keep cool.

Further information on storage conditions

Keep container tightly closed in a cool place.
Storage temperature: 41-77°F (5-25°C)

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SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

CAS No.	Substance	PPM	Mg/m3	Category	Origin
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	PEL
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	REL
94-36-0	Benzoyl peroxide	-	5	TWA (8h)	ACGIG-2018

Appropriate engineering controls:

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program. Wash hands and face before breaks and after work and take a shower if necessary. When using, do not eat or drink.

Personal protection equipment

Eye and face protection:

Wear eye protection/face protection.

Wear safety goggles with side shields as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin and body protection:

Wear suitable protective clothing.

When handling chemical substances, protective gloves must be worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0.4 mm NBR (Nitrile Rubber) >480 min (EN374)

Wearing time with permanent contact 0.5 mm NBR (Nitrile Rubber) >480 min (EN374)

Respiratory protection:

In case of inadequate ventilation, wear respiratory protection.

Should a respirator be needed, follow OSHA regulation for respirator use (29 CFR 1910.134). Wear an air-purifying NIOSH certified (or equivalent) respirator (with a high-efficiency particulate filter) as needed.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Paste; black
Odor	Characteristic
Odor threshold	Not available
pH	Not applicable
Melting point/freezing point	Not determined
Initial boiling point/range	Not determined
Flash point (closed cup)	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper flammability/explosive limit	Not determined
Lower flammability/explosive limit	Not determined
Vapor pressure	Not determined
Vapor density	Not determined

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Density	Not available
Relative density	1.59 g/cm ³ at 20°C
Solubilities	Insoluble in water
Partition coefficient (n-octanol/water)	Not determined
Auto/Self-ignition temperature	Not available/ Not determined
Decomposition temperature	Not determined
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

Other information

Bulk density	Not available.
VOC (hardened final mixture)	70 g/L (SCAQMD, ASTM Method D2369)

SECTION 10: Stability and reactivity

Reactivity:

Violent reaction with an oxidizing agent.

Chemical stability:

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions:

Violent reaction with an oxidizing agent.

Conditions to avoid:

See section 7.2 (When using do not eat, drink, or smoke)

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

None known hazardous decomposition products.

SECTION 11: Toxicological information

Acute toxicity

CAS No.	Components				
	Exposure Route	Dose	Species	Source	Method
97-90-5	Dibenzoyl peroxide				
	Oral	LD50: >5000 mg/kg	Rat		

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Silica dust, crystalline, in the form of quartz or cristobalite (CAS 14808-60-7) is listed in group 1. Benzoyl peroxide (CAS 94-36-0) is listed in group 3.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

SECTION 12: Ecological information

Ecotoxicity

The product is not: ecotoxic.

OECD 201 (Desmodesmus subspicatus)

IC10: (0 – 72 h) = 30 mg/l

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IC50: (0 – 72 h) = 150 mg/l

OECD 202 (Daphnia Magna)
EC0/NOEC (48h) = 100 mg/l
EC50 (48h) = >500 mg/l
EC100 (48h) = >>500 mg/l

OECD 203 (Danio rerio)
LC0/NOEC: 250 mg/l
LC50: >500 mg/l
LC100: >>500 mg/l

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects:

No information is available.

Further information:

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

Disposal methods:

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport Information

United States Transportation of dangerous goods (49 CFR DOT 172.101)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

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UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

All ingredients of this mixture are included on the TSCA Inventory.

National regulatory information

SARA Section 311/312 Hazards:

Benzoyl peroxide (94-36-0): Reactive, immediate (acute) health hazard

SARA Section 313 Toxic release inventory:

Benzoyl peroxide (94-36-0): De minimis limit=1.0%, Reportable threshold = Standard

California Proposition 65:

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product does not expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA Hazard Ratings:

Health: 2
Flammability:
Reactivity: 2
Unique Hazard: -

Hazardous Materials Information Label (HMIS):

Health: 2
Physical Hazard: 1
Personal Protection: X

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
EC50: Effect concentration, 50%
ErC50: EC50 in terms of reduction of growth rate
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for air transport (IATA)
IARC: International Agency for Research on Cancer
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

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NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NOEC: No Observed Effect Concentration

NTP: National Toxicology Program

OECD: Organization for Economic Cooperation and Development

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

SARA: Superfund Amendments and Reauthorization Act

TLV: Threshold Limit Values

TSCA: Toxic Substances Control Act

Initial preparation date: 9/21/20

Version #: 2

Revision Date: 11/15/22

End of Safety Data Sheet