



Safety Data Sheet

According to OSHA Communication Standard, 29 CFR 1910.1200

Rapid Set High Bond Primer

SECTION 1: Identification

Product identifier

Product name: High Bond Primer

Product code:

Recommended use of the product and restriction on use

Relevant identified uses: Primer for repairing flooring applications.

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
INFOTRAC 1-800-535-5053
International
INFOTRAC 1-352-323-3500

SECTION 2: Hazard(s) identification

GHS classification:

Skin sensitization, category 1
Skin corrosion, category 1C
Serious eye damage, category 1
Acute toxicity - oral, category 4
Aquatic toxicity - acute, category 1
Aquatic toxicity - chronic, category 1

Label elements

Hazard Pictograms:



Signal word: Danger

Hazard statements:

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

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H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.

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

P303+P361+P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

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

P310 Immediately call a POISON CENTER or doctor/physician.

P304+P340 IF INHALED: Remove victim 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.

P308+P313 If exposed or concerned: Get medical advice or attention.

P391 Collect spillage.

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

Hazards not otherwise classified:

None.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7732-18-5	Water	30-60
CAS number: Proprietary	Acrylic polymers and monomers	50-80
CAS number: 134180-76-0	Oxirane,methyl-,polymer with oxirane,mono(3-(1,3,3,3-tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl)ether	0.1-1

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:**

In case of emergency call toll free INFOTRAC 1-800-535-5053. If exposed or concerned seek medical advice or attention. Have the product container or label with you when you call a Poison Control Center or doctor or going for treatment.

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If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

After skin contact:

Take off all contaminated clothing. Rinse affected area with soap and water. If symptoms develop or persist, seek medical attention.

After eye contact:

If exposed or concerned seek medical advice or attention. If in eyes: Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If symptoms develop or persist, seek medical attention.

After swallowing:

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. A person vomiting while lying on their back should be turned onto their side. Do not give anything by mouth to an unconscious person.

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

Risk of serious damage to eyes. Redness. Swelling of tissue. Irritating to mucous membranes.

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

Treat symptomatically.

Notes for the doctor:

Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media:**

Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing media:

Dry chemical.

Specific hazards during fire-fighting:

In case of fire, toxic incineration products may be released such as nitrogen oxides, carbon monoxide, sulfur dioxide, hydrogen chloride, silicon dioxide, formaldehyde.

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

Collect contaminated firefighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Wear recommended protective equipment. Keep unprotected persons away. When selecting the protective suit, ensure complete and safe protection of skin and mucous membrane. Impermeable protective clothes, protective boots made of neoprene, complete face protection, nitrile rubber gloves with long tops.

Environmental precautions:



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As the product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Dam and absorb spillage with chemical binder. Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically. Suitable binder: Multiple purpose absorbent. Dispose of contaminated binding material in accordance with local, state, and federal regulations. Ensure adequate ventilation. Decontamination: Surfaces can be decontaminated with a solution containing 5% sodium bisulfite and 5% sodium bicarbonate. In case of a spill drained to the sewer collect contaminated water in suitable container and add 10% sodium bisulfite solution.

Reference to other sections:

See Section 13 for disposal information.

SECTION 7: Handling and storage

Precautions for safe handling:

Handle product in closed systems. Ensure good ventilation/exhaustion at the workplace. Avoid pollution of the air at the workplace, caused by aerosol formation or by product heating. Clean contaminated work equipment immediately to avoid skin corrosion/irritation and/or allergic skin reactions in case of unconscious skin contact. Load carefully, avoid splashes. Assess hazards arising from work equipment and places.

Conditions for safe storage, including any incompatibilities:

Store only in the original receptacle. Keep container tightly sealed. Keep out of reach of children. Keep from freezing. Do not store together with alkalis (caustic solutions). Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures. Store temps 60-70°F (15-20°C). Minimum storage and transportation 41°F (5°C) Protect from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

No product data.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Ensure adequate exhaust ventilation, especially in confined areas.

Personal protection equipment

In case of contamination devices to rinse eyes or skin immediately under running water must be available.

Eye and face protection:

Avoid contact with the eyes. Safety goggles or glasses with side shields.

Skin and body protection:

Avoid contact with skin. Protective gloves and impervious clothing. Before use of PPE, check PPE for damages like holes, cuts, or tears. Do not wear protective gloves longer than necessary. Complete protection of head, face, and neck. Recommended as a part of a comprehensive chemical safety program when working with chemicals.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. When sanding or abrading the dried paint film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product,

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underlying paint, or the abrasive material itself.

General hygienic measures:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of work. Wash contaminated clothing before reuse. Provide skin protection plan.

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

Appearance	Liquid; Light blue colored
Odor	Low
Odor threshold	Not available
pH	5-7
Melting point/freezing point	0°C
Initial boiling point/range	100°C
Flash point (closed cup)	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not available
Upper flammability/explosive limit	Not available
Lower flammability/explosive limit	Not available
Vapor pressure	Not applicable
Vapor density	Not applicable
Density	1.05
Relative density	Not determined
Solubilities	Partially soluble
Partition coefficient (n-octanol/water)	Not available
Auto/Self-ignition temperature	Not available
Decomposition temperature	Not available
Dynamic viscosity	Not applicable
Kinematic viscosity	40-70 cps
Explosive properties	Not available
Oxidizing properties	Not available

Other information

VOC (Weight %)	0
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SECTION 10: Stability and reactivity**Reactivity:**

Does not react under normal conditions of use and storage.

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Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

Prevent from freezing.

Incompatible materials:

Alkalis, reducing agents, strong oxidizing agents, nucleophils.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information**Information on toxicological effects:****Acute toxicity****Assessment:** Harmful if swallowed.**Product data:**

Oral - LD50/LC50: 1,280 mg/kg

Dermal - LD50/LC50: >5,000 mg/kg

Substance data: No data is available.**Skin corrosion/irritation****Assessment:** Causes severe skin burns and eye damage.**Product data:** No data is available.**Substance data:** No data is available.**Serious eye damage/irritation****Assessment:** May cause slight irritation.**Product data:** No data is available.**Substance data:** No data is available.**Respiratory or skin sensitization****Assessment:** May cause an allergic skin reaction.**Product data:** No data is available.**Substance data:**

Name	Results
2634-33-5 1,2-benzisothiazol-3(2H)-one	Sensitizing - S523(b) (mouse) OECD 429
2682-20-4 2-methylisothiazol-2(2H)-one	Sensitizing - S522 (mouse) OECD 429
55965-84-9 Mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one	Sensitizing - S171 (guinea pig) OECD 406

Carcinogenicity**Assessment:** Possibly carcinogenic to humans.**Product data:** No data is available.**Substance data:** No data is available.

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Rapid Set High Bond Primer**Germ cell mutagenicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data is available.**Substance data:** No data is available.**Reproductive toxicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data is available.**Substance data:** No data is available.**Specific target organ toxicity (single exposure)****Assessment:** May cause respiratory irritation**Product data:** No data is available.**Substance data:** No data is available.**Aspiration toxicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data is available.**Substance data:** No data is available.**Information on likely routes of exposure:**

No data is available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data is available.

Other information:

No data is available.

SECTION 12: Ecological information**Aquatic toxicity****Assessment:** Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.**Product data:** No data available.**Substance data:**

Name	Species	Result	Duration
1,2-benzisothiazol-3(2H)-one	Oncorhynchus mykiss (rainbow trout)	LC50: 2,2 mg/l (OECD 203); NOEC: 0.21 mg/l (OECD 215)	96 h / 28 d
	Selenastrum capricornutum	EC50: 0.11 mg/l (OECD 201); NOEC: 0.04 mg/l (OECD 201)	72 h
	Daphnia magna (water flea)	EC50: 3.27 mg/l (OECD 202); NOEC: 1.2 mg/l (OECD 211)	48 h / 21 d

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2-methylisothiazol-3(2H)-one	Pseudokirchneriella subcapitata	EC50: 0.157 mg/l (OECD 201) S 128; NOEC: 0.03 mg/l (OECD 201) S 128	72 h
	Rainbow trout	LC50: 6 mg/l (OECD 203) S 27	96 h
	Fathead minnow	NOEC: 2.1 mg/l (OECD 210) S 794	28 d
	Daphnia magna (water flea)	EC50: 1.68 mg/l (OECD 202) S 126; NOEC: 0.55 mg/l (OECD 211) S 792	48 h / 21 d
Mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one	Pseudokirchneriella subcapitata	EC50: 0.048 mg/l (OECD 201) S 1322 (b); NOEC: 0.0012 mg/l (OECD 201) S 1322 (b)	72 h
	Skeletonema costatum	EC50: 0.0052 mg/l (ISO 10253) RAC opinion; NOEC: 0.00064 mg/l (ISO 10253)	48 h
	Onchorhynchus mykiss	LC50: 0.22 mg/l (OECD 203) S 6 (b); NOEC: 0.098 mg/l (OECD 215) S 117 (b)	96h / 28 d
	Daphnia magna (water flea)	EC50: 0.1 mg/l (OECD 202) S 52 (b); NOEC: 0.004 mg/l (OECD 211) S 52 (b)	48 h / 21 d

Persistence and degradability**Product data:** No data available.**Substance data:**

Name	Rapid degradability of organic substances	
1,2-benzisothiazol-3(2H)-one	Aerobic and Anaerobic Transformation Soil OECD 307	0.04 d; S 5025
2-methylisothiazol-3(2H)-one	Aerobic and Anaerobic Transformation Soil OECD 307	< 0.08 d; S 1110
	Simulation Biodegradation Aqu Sed System OECD 308	1.28-2.1 d: S 842
	Simulation Biodegradation Surface Water OECD 309	4.1 d: S646
Mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one	D Closed Bottle Test OECD 301	> 60%: S 200 (b)
	Simulation Biodegradation Aqu Sed System OECD 308	1.82-1.92 d: S 617 (CIT)

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Name	Behavior in sewage treatment plants	
1,2-benzisothiazol-3(2H)-one	B Zahn-Wellens Test OECD 302	~90%; S 3509
	A Activated Sludge Unites OECD 303	80%; S 978
Mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one	B Zahn-Wellens Test OECD 302	100%; S 2387 (b)
	A Activated Sludge Unites OECD 303	1 > 80%; S 199 (b)

Bioaccumulative potential**Product data:** No data available.**Substance data:**

Name		
1,2-benzisothiazol-3(2H)-one	Bioconcentration factor	6.95 (Fish); S 2243
	LogKow (HPLC Method) OECD 117	0.7 (n-octanol/water); S 324
2-methylisothiazol-3(2H)-one	Bioconcentration factor	3.16 (calculated) literature
	LogKow (HPLC Method) OECD 117	< 0.32 (n-octanol/water); S 325
Mixture, containing 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one	Bioconcentration factor	3.16 (calculated); S 1177
	LogKow (HPLC Method) OECD 117	< 0.71 (n-octanol/water); S 5

Mobility in soil**Product data:** No data available.**Substance data:** No data available.**Other adverse effects:** No data available.**SECTION 13: Disposal considerations****Disposal methods:**

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

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

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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 components are listed or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 extremely hazardous substances: None of the ingredients are listed.

SARA Section 311/312 hazardous substances: Please refer to section 2 of the SDS for the appropriate hazard categories.

SARA Section 313 toxic chemicals: Nitrate Compounds < 2%.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know: No ingredient regulated by MA Right-to-Know Law present.

New Jersey Right to Know: No ingredient regulated by NJ Right-to-Know Law present.

New York Right to Know: No ingredient regulated by NY Right-to-Know Law present.

Pennsylvania Right to Know: No ingredient regulated by PA Right-to-Know Law present.

California Proposition 65:

⚠ WARNING: Can expose you to ethylene oxide, a carcinogen and reproductive toxicant. See www.P65Warnings.ca.gov.

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ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Road Transport
AU: Australia
CA: Canada
CAS: Chemical Abstracts Service
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
CN: China
CPR: Controlled Products Regulations
DFG: Deutsche Forschungsgemeinschaft
DOT: Department of Transportation
DSL: Domestic Substances List
EEC: European Economic Community
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
EPA: Environmental Protection Agency
EU: European Association
IARC: International Agency for Research on Cancer
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
JP: Japan
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
CL50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon
Know: Octanol/water partition coefficient
KR: Korea
LEL: Lower Explosive Limit
UEL: Upper Explosive Limit
NIOSH: National Institute for Occupational Safety and Health Administration
PH: Philippines
RCRA: Resource Conservation and Recovery Act
OSHA: Occupational Safety and Health Administration
RID: European Rail Transport
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Transportation of Dangerous Goods



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TSCA: Toxic Substances Control Act

TWA: Time Weighted Average

US: United States

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.

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End of Safety Data Sheet