Safety Data Sheet

Issue Date: 05-Mar-2020 **Revision Date:** 10-Mar-2020 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name Ultra-High Sheen 7000 Solvent Based Sealer

Other means of identification

SDS # US 7000

UN/ID No UN1993

Recommended use of the chemical and restrictions on use

Recommended Use Sealer.

Details of the supplier of the safety data sheet

Supplier Address

Stampcrete International, Ltd.
325 Commerce Blvd
Liverpool, NY 13088 USA
Ph: 1-315-451-2837

Emergency telephone number

Emergency Telephone CHEM-TEL INC 1-813-248-0573 (International)
1-888-255-3924 (North America)

2. HAZARDS IDENTIFICATION

Physical state Liquid

Classification

The classification and labeling information in this Safety Data Sheet should be viewed as provisional, as physical test data has not been performed. This SDS was created using the criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and is compliant with the Globally Harmonized System of Labeling and Classification of Chemicals (GHS).

Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Signal Word

Danger

Hazard statements

Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause respiratory irritation. May cause drowsiness or dizziness
Highly flammable liquid and vapor

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Contaminated work clothing must not be allowed out of the workplace
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof equipment
Keep cool

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

Note: Acute Toxicity classifications / calculations are approximates, due to proprietary ingredient percentages

3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

Chemical name	CAS No	Weight-%
tert-Butyl acetate	540-88-5	50-70
Methyl n-amyl ketone	110-43-0	10-20
Poly(oxy-1,2-ethanediyl), alpha-3[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-hydroxy	104810-48-2	<1
Poly (oxy-1,2-ethanediyl), alpha-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]	104810-47-1	<1
tert-Butanol	75-65-0	<1
Methyl methacrylate	80-62-6	<1
Butyl methacrylate	97-88-1	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a poison center or doctor/physician if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Ingestion Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms Harmful if inhaled. May cause an allergic skin reaction. Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May be harmful if swallowed. May be harmful in contact with skin. May cause an allergic reaction.

Indication of any immediate medical attention and special treatment needed

Notes to Physician May cause sensitization by skin contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Highly flammable liquid and vapor.

Explosion Data
Sensitivity to Mechanical Impact Yes.
Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition. Ventilate area of leak or spill.

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

Methods for Clean-Up Use only non-sparking tools. Place in appropriate containers for disposal. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Keep cool. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
tert-Butyl acetate 540-88-5	STEL: 150 ppm TWA: 50 ppm	TWA: 200 ppm TWA: 950 mg/m^3 (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m^3	IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m^3
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m^3	IDLH: 800 ppm TWA: 100 ppm TWA: 465 mg/m^3
tert-Butanol 75-65-0	TWA: 100 ppm	TWA: 100 ppm TWA: 300 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 300 mg/m^3 (vacated) STEL: 150 ppm (vacated) STEL: 450 mg/m^3	IDLH: 1600 ppm TWA: 100 ppm TWA: 300 mg/m^3 STEL: 150 ppm STEL: 450 mg/m^3
Methyl methacrylate 80-62-6	STEL: 100 ppm TWA: 50 ppm	TWA: 100 ppm TWA: 410 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 410 mg/m^3	IDLH: 1000 ppm TWA: 100 ppm TWA: 410 mg/m^3

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side shields or chemical goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Wear protective gloves and protective clothing. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection If necessary, wear a MSHA/NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Not determined	**Odor**	Not determined
Color	Not determined	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	

Flammability Limit in Air	
Upper flammability or explosive limits	Not determined
Lower flammability or explosive limits	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to Avoid
Keep out of reach of children.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.

Inhalation Harmful if inhaled. May cause respiratory irritation.

Ingestion May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
tert-Butyl acetate 540-88-5	= 4100 mg/kg (Rat)	> 2 g/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 9482 mg/m^3 (Rat) 4 h > 2230 mg/m^3 (Rat) 4 h
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat) = 1670 mg/kg (Rat)	= 12.6 mL/kg (Rabbit) = 12600 µL/kg (Rabbit)	2000 - 4000 ppm (Rat) 6 h

Polyethylene glycol 25322-68-3	= 22 g/kg (Rat) = 28 g/kg (Rat)	> 20 g/kg (Rabbit)	-
tert-Butanol 75-65-0	= 2200 mg/kg (Rat)	> 2 g/kg (Rabbit)	> 10000 ppm (Rat) 4 h
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
Butyl methacrylate 97-88-1	= 16 g/kg (Rat)	= 11300 mg/kg (Rabbit)	= 4910 ppm (Rat) 4 h
Methyl methacrylate 80-62-6	= 7872 mg/kg (Rat) 8420 - 10000 mg/kg (Rat)	5000 - 7500 mg/kg (Rabbit) > 5 g/kg (Rabbit)	= 7093 ppm (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause an allergic skin reaction.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical name	ACGIH	IARC	NTP	OSHA
Methyl methacrylate 80-62-6		Group 3		

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

STOT - single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Unknown Acute Toxicity Note: Acute Toxicity classifications / calculations are approximates, due to proprietary ingredient percentages.

Oral LD50 2,005.10 mg/kg

Dermal LD50 2,312.70 mg/kg

ATEmix (inhalation-dust/mist) 2.10 mg/L

ATEmix (inhalation-vapor) 12.30 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
tert-Butyl acetate 540-88-5		296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through	
Methyl n-amyl ketone 110-43-0		126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through	
Polyethylene glycol 25322-68-3		5000: 24 h Carassius auratus mg/L LC50	
1-Pentene, 2,4,4-trimethyl- 107-39-1		3: 24 h Carassius auratus mg/L LC50	
tert-Butanol 75-65-0	1000: 72 h Desmodesmus subspicatus mg/L EC50	6130 - 6700: 96 h Pimephales promelas mg/L LC50 flow-through	4607 - 6577: 48 h Daphnia magna mg/L EC50 Static 933: 48 h Daphnia magna mg/L EC50
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7		0.97: 96 h Lepomis macrochirus mg/L LC50 static	20: 24 h Daphnia magna mg/L EC50

Butyl methacrylate 97-88-1	57: 96 h Pseudokirchneriella subcapitata mg/L EC50	11: 96 h Pimephales promelas mg/L LC50 flow-through	32: 48 h Daphnia magna mg/L EC50
Methyl methacrylate 80-62-6	170: 96 h Pseudokirchneriella subcapitata mg/L EC50	170 - 206: 96 h Lepomis macrochirus mg/L LC50 flow-through 79: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 326.4 - 426.9: 96 h Poecilia reticulata mg/L LC50 static 243 - 275: 96 h Pimephales promelas mg/L LC50 flow-through 79: 96 h Oncorhynchus mykiss mg/L LC50 static 153.9 - 341.8: 96 h Lepomis macrochirus mg/L LC50 static 125.5 - 190.7: 96 h Pimephales promelas mg/L LC50 static	69: 48 h Daphnia magna mg/L EC50

Persistence/Degradability
Not determined.

Bioaccumulation
There is no data for this product.

Mobility

Chemical name	Partition coefficient
tert-Butyl acetate 540-88-5	1.38
Methyl n-amyl ketone 110-43-0	1.98
tert-Butanol 75-65-0	0.35
Methyl methacrylate 80-62-6	0.7
Butyl methacrylate 97-88-1	2.26

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl methacrylate 80-62-6	U162	Included in waste stream: F039		U162

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Methyl methacrylate 80-62-6	Toxic Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN1993
Proper Shipping Name	Flammable liquids, n.o.s. (tert-butyl acetate, n-Amyl methyl ketone)
Hazard class	3
Packing Group	II

IATA

UN number	UN1993
Proper Shipping Name	Flammable liquids, n.o.s. (tert-butyl acetate, n-Amyl methyl ketone)
Transport hazard class(es)	3
Packing Group	II

IMDG

UN number	UN1993
Proper Shipping Name	Flammable liquids, n.o.s. (tert-butyl acetate, n-Amyl methyl ketone)
Transport hazard class(es)	3
Packing Group	II

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
tert-Butyl acetate	X	ACTIVE	X	X	X	X	X	X	X
Acrylic copolymer resin	X	ACTIVE	X		X	X	X	X	X
Methyl n-amyl ketone	X	ACTIVE	X	X	X	X	X	X	X
Polyethylene glycol	X	ACTIVE	X	X	X	X	X	X	X
Poly (oxy-1,2-ethanediyl), alpha-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]	X	ACTIVE	X		X	X	X	X	X
Poly(oxy-1,2-ethanediyl), alpha-3[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega-hydroxy	X	ACTIVE	X		X	X	X	X	X
1-Pentene, 2,4,4-trimethyl-	X	ACTIVE	X	X	X	X	X	X	X
tert-Butanol	X	ACTIVE	X	X	X	X	X	X	X
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	X	ACTIVE	X	X	X	X	X	X	X
Methyl (1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	X	ACTIVE	X	X	X	X	X	X	X
Butyl methacrylate	X	ACTIVE	X	X	X	X	X	X	X
Methyl methacrylate	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
tert-Butyl acetate 540-88-5	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Methyl methacrylate 80-62-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
tert-Butanol - 75-65-0	75-65-0	<1	1.0
Methyl methacrylate - 80-62-6	80-62-6	<1	1.0

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
tert-Butyl acetate				X
Methyl methacrylate	1000 lb			X

US State Regulations

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
tert-Butyl acetate 540-88-5	X	X	X
Methyl n-amyl ketone 110-43-0	X	X	X
tert-Butanol 75-65-0	X	X	X
1-Pentene, 2,4,4-trimethyl- 107-39-1		X	X
Methyl methacrylate 80-62-6	X	X	X
Butyl methacrylate 97-88-1	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	Not determined

Issue Date: 05-Mar-2020
Revision Date: 10-Mar-2020
Revision Note: New product

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

End of Safety Data Sheet