

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 150 SOLVENT TEXTURE ENHANCING SEALER
 PRODUCT CODE: 150-0
 GENERAL USE: CONCRETE/MASONRY SEALER
 PRODUCT DESCRIPTION: SOLVENT BASED ACRYLIC/SILICONE SEALER

MANUFACTURER'S NAME CONCRETE TECHNOLOGY INC.	DATE PREPARED: June 1, 2015 SUPERSEDES: October 10, 2012
ADDRESS (NUMBER, STREET, P.O. BOX) 8770 133rd AVENUE NORTH	TELEPHONE NUMBER FOR INFORMATION 727-535-4651
(CITY, STATE AND ZIP CODE) COUNTRY LARGO, FL 33773 USA	EMERGENCY TELEPHONE NUMBER 1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
 EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

HMIS Codes

Health	2
Flammability	3
Reactivity	0
Protective Equipment	B

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.
 Prolonged overexposure to hazardous ingredients in Section 3 may cause adverse chronic effects to the following organs or system:

- the liver
- the urinary system
- the reproductive system

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mist.
 Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS #	% (by weight)	OSHA PEL		ACGIH TWA		RQ LBS
			PPM	MG/M ³	PPM	MG/M ³	
ACRYLIC RESIN	PROPRIETARY	30.0	NA	NA	NA	NA	NA
XYLENE	1330-20-7	18.2	150		100		100
AROMATIC HYDROCARBON	64742-95-6	51.8	100	100	100	100	NA

SECTION 4 - FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.

Remove contaminated clothing and laundry before re-use.

INHALATION: If affected. Remove from exposure. Restore breathing. Keep quiet and warm.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT 91° F **LEL** .9 **UEL** 10.3 **FLAMMABILITY CLASSIFICATION** - RED LABEL - FLAMMABLE

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove the inert absorbent.

SECTION 7 - HANDLING AND STORAGE

STORAGE CATEGORY

DOL Storage Class IC

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are FLAMMABLE. Keep away from heat, sparks and open flame.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that may contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 3 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 3.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 3.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	9.08 pounds/gallon
SPECIFIC GRAVITY	1.09
BOILING POINT	230° F
MELTING POINT	NA
VOLATILE VOLUME	61.8
EVAPORATION RATE	2
VAPOR DENSITY	4.3
SOLUBILITY IN WATER	NONE
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)	grams/liter 597.4

SECTION 10 - STABILITY AND REACTIVITY

STABILITY – Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure to rats and mice at high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other material, such as paint."

TOXICOLOGY DATA

CAS No.	Ingredient Name			
1330-20-7	XYLENE	LC50RAT	4HR	5000PPM
		LD50RAT	4HR	NOT AVAILABLE
64742-96-6	AROMATIC HYDROCARBON	LC50RAT	4HR	NOT AVAILABLE
		LD50RAT	4HR	NOT AVAILABLE

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial and Local regulations regarding pollution.

SECTION 14 - TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

5 liters (1.3 Gallons) and Less may be Classed as CONSUMER COMMODITY, ORM-D
Larger Containers are Regulated as:
UN1263, PAINT, 3, PG III, (ERG#128)

DOT (Department of Transportation) Hazardous Substances & Reportable Quantities

Ethyl Benzene 1000 lb RQ
Xylenes (isomer and mixture) 100 lb RQ

Bulk Containers may be Shipped as (check reportable quantities):

RQ, UN1263, PAINT, 3, PG III, (XYLENES AND MIXTURE),
(ERG#128)

Canada (TDG)

UN1263, PAINT, 3, PG III, LIMITED QUANTITY, (ERG#128)

IMO

5 liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, Paint, 3, PG III, (33 C c.c.), EmS F-E, S-E, ADR (D/E)

IATA/ICAO

UN1263, Paint, 3, PG III

SECTION 15 - REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% By WT	% Element
1330--20-7	XYLENE	18.2	NA

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 - OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all of the information required for CPR.

The above information pertains to this product as currently formulated, and is based on the information available at the time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.