



Safety Data Sheet

1. PRODUCT IDENTIFICATION

PRODUCT NAME ConTec CS-640
 CHEMICAL FAMILY Silicone Emulsion
 T.S.C.A. STATUS In Compliance
 RECOMMENDED PRODUCT USE..... Cementitious Additive
 RESTRICTED PRODUCT USE..... For Commercial/Industrial use only
 MANUFACTURED BY..... Innovative Concrete Technology
 92 Thomas Road
 Port Murray, NJ 07865
 Phone: 908-453-2737 Info: www.bestadmix.com

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin Irritation: 2

Health, Eye Irritation: 2

GHS Label elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Precautionary Statements: **Prevention:**

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye protection and face protection.

Response:

Specific measures: Consult SDS **Section 4**.

Storage:

Store in accordance with local regulations. Protect the product from freezing. Keep the container tightly closed when not in use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	CAS#:	Concentration:
Triethoxyoctyl-Silane	2943-75-1	10 – 30 %
Ethyl Alcohol	64-17-5	<0.6%

Ingredients not properly identified are either proprietary or non-hazardous.

4. FIRST-AID MEASURES

EYE CONTACT:	Flush eyes with water for at least 15 minutes. Get medical attention if symptoms occur.
SKIN CONTACT:	Remove contaminated clothing. Wash off with soap and plenty of water. Get medical attention if symptoms occur.
INGESTION:	Call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel.
INHALATION:	If inhaled, move to fresh air. Get medical attention if symptoms occur.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, foam, dry chemicals, or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Stop leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material. (e.g. sand, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see **Section 13**). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: In accord with good industrial practice. Avoid contact with eyes, skin, and breathing vapors. When using do not eat, drink, or smoke.

PRECAUTIONS FOR STORAGE: Do not store this material in open or unlabeled containers. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements.

GENERAL PROTECTIVE MEASURES:

EYE PROTECTION Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended.
Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink.

VENTILATION..... Use local ventilation. No personal respiratory protective equipment is normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE.....	LIQUID
COLOR.....	WHITE
ODOR.....	MILD
ODOR THRESHOLD.....	ND
SOLUBILITY IN WATER	DISPERSIBLE
BULK DENSITY	7.9 lbs./gal
RELATIVE DENSITY.	0.96 (20 C)
VISCOSITY.....	ND
pH.....	10.5-11.5
MELTING POINT.....	ND
FREEZING POINT.....	32 F / 0 C
PARTITION COEFFICIENT: N-OCTANOL/WATER.....	NA
BOILING RANGE.....	212 F / 100 C
VAPOR PRESSURE.....	ND
VAPOR DENSITY.....	NA
EVAPORATION RATE.....	NA
FLAMMABILITY.....	NOT CLASSIFIED
FLASH POINT.....	> 212 F
IGNITION TEMP.....	ND

DECOMPOSITION TEMPERATURE..... ND
% VOC: VALUE: ND

10. STABILITY AND REACTIVITY

HAZARDOUS REACTIONS : No dangerous reaction known under conditions of normal use.
CHEMICAL STABILITY: Stable under normal conditions.
INCOMPATIBLE MATERIALS: No information available.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
CONDITIONS TO AVOID: Freezing temperatures.

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) >5,110 mg/kg (Rat)
FISH, LC50. ND
EYE EFFECTS..... May cause mild irritation.
SKIN EFFECTS Possible mild irritation after prolonged contact.
SENSITIZATION ND

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: ND
BACTERIA TOXICITY: ND
ENVIRONMENTAL EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS

PRODUCT: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-REGULATED
D.O.T. HAZARD CLASSIFICATION: NON-REGULATED
FRT. CLASS PACKAGE: 55
IATA: NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

Component CAS# - Silane, Triethoxyoctyl (2943-75-1)

TSCA: This product is listed on the EPA TSCA Inventory.

SARA 312:	Immediate(acute) health hazard	No
	Delayed (chronic) health hazard	No
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

CALIFORNIA PROPOSITION 65: This product may contain trace amounts of ethylene oxide, a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

Innovative Concrete Technology warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. **Innovative Concrete Technology** makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall **Innovative Concrete Technology** be liable for consequential, special, or indirect damage resulting from the use or handling of this product.

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