

MATERIAL SAFETY DATA SHEET

Concrete Admixture Products

MSDS No. - 1020

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Section I - Product Identification
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Manufacturer.....Innovative Concrete Technology, LLC. Emergency Telephone Number: 908-453-2737

Transportation Emergency: Call "CHEMTREC" 800-424-9300 (U.S. & Canada)

Effective Date.....December 1998 Date Last Revised – Jan. 2013

Trade Name....."440D"

Synonym.....Mixture of Surfactants.

Chemical Family...Ethoxylated Acetylenic Diols.

CAS No. – 9014-85-1

HMIS Hazard Rating -

Health	2	4 = Extreme
Fire	1	3 = High
Reactivity	0	2 = Moderate
Personal Protection C		1 = Slight
(glasses, gloves, apron)		0 = Insignificant

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Section II - Hazardous Ingredients
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<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>ACGIH/TWA</u>	<u>OSHA/STEL</u>	<u>OTHER</u>
NE	NE	-	NE	NE	NE
NE = Not Established			NL = Not Listed		C = Carcinogen by OSHA

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Section III = Physical Data
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Boiling Point [deg F]>250C
Melting Point [deg F].....NA
Vapor Pressure [mmHg]2 @ 21C
Vapor Density [air = 1].....NA
Specific Gravity [H2O=1]0.98
Evaporation RateNA
Solubility in Water.....<1%
Appearance/OdorLiquid Straw/Bland

NA = Not Applicable

NV = Not Volatile

ND = Not Determined

Section IV - Fire and Explosion Hazard Data

Flash Point [deg F].....230F
Lower Explosion Limit.....No Data
Upper Explosion Limit No Data
Extinguishing Media.....Water Spray, CO2, Foam.
Special Fire Fighting Procedures.....Firefighters should wear body suits and self contained breathing apparatus.
Usual Fire Explosion HazardsSudden reaction & fire may result if product is mixed with an oxidizing agent.

Section V - Health Hazard Data

Permissible Exposure Level...See section II for hazardous ingredients present in this product and corresponding TLV's.
Effects of Over Exposure.....Eyes – Severe eye irritation.
Skin - Slight irritation.
First Aid Procedures:
 Eye Contact.....Hold eyelids apart and flush immediately with copious amounts of water for at least 15 minutes. **Consult Physician.**
 Skin Contact....Wash with soap and water, remove contaminated clothing and wash.
 Ingestion.....If swallowed, call a Physician. Induce vomiting only as instructed by medical personnel.
 Inhalation.....Remove to fresh air. If necessary, give oxygen, artificial respiration. Contact Physician.

Section VI - Reactivity Data

Chemical StabilityStable.
Conditions to Avoid.....Extreme High Temperatures.
Incompatible materials.....Strong Oxidizing agents
Hazardous Decomposition Products..CO,CO2.
Hazardous Polymerization.....Will Not Occur.

Section VII - Spill or Leak Procedure

For Large Spills.....Soak up with sand or sweeping compound and dispose as solid waste.
For Small Spills.....Flush to industrial sewer. Waste Disposal.....In accordance with local, state and federal regulations.

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Section VIII - Special Protection Information

Respiratory ProtectionNot Required
Eye Protection.....Chemical Goggles
Protective Gloves.....Required
VentilationRequired
Other Protective EquipmentNot Required
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Section IX - Special Precautions

Precautions to be taken in Handling and Storage.....Keep container closed.
Other Precautions.....Spilled material is slippery, Keep from freezing.
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Section X - Transportation and Regulatory Information

DOT Proper Shipping NameRosin Sizing
DOT ClassificationNone
UN/UA Number.....None
Hazard Label.....None
TSCA 12 (b) Component(s).....None
TSCAAll components are included in the EPA Toxic Substances Control
.....Act Chemical Substance Inventory
SARA Title IIICAS 111-42-2 at 1.0%
EPA SARA Title III Section 312 (40CFR370) Hazard Class.....Immediate Health Hazard
EPA SARA Title III Section 313 (40CFR372) toxic chemicals above “de minimis” level are...None
CTFA Designation.....None
California Proposition 65.....None Detectable
OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es).... Irritant.
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Warranty

Innovative Concrete Technology, LLC(ICT) warrants that all products are manufactured and formulated to exacting standards. If the material is found defective, ICT may, at its option, replace the defective material or refund the purchase price provided the purchaser has examined the material upon receipt and has promptly notified ICT prior to the material being applied. By using the product, purchaser agrees that no other remedy including, but not limited to, incidental or consequential damages, shall be available to the purchaser.

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