

# MATERIAL SAFETY DATA SHEET

**Innovative Concrete Technology Corp.**  
2410 McJunkin Rd.  
Lakeland, FL 33801

Updated: 07/07/2004

Emergency Telephone: 888-296-5236

## Section 1 - Product Information

**Product Name:** Liquid Steel 2200 (B component)

**Description:** Aliphatic Amine

**Synonyms:** None

**Molecular Formula:** Mixture

**Chemical Family:** Amidoamine

## Section 2 - Hazardous Ingredients

<b>Chemical Names(s):</b>	<b>%</b>	<b>CAS Number</b>	<b>OSHA</b>	<b>PEL</b>
Formaldehyde, polymer with benzeneamine, hydrogenated	>30	135108-88-2	NE	NE
Tetraethylenepentamine(TEPA)	<10	112-57-2	NE	NE
Nonylphenol		25154-52-3	NE	NE

The remaining components are trade secret  
NE = Not Established

## Section 3 - Physical Properties

**Color:** Off White

**Odor:** Amine

**Description:** Mobile Liquid

**Evaporation Rate:** No Data

**Boiling Point:** > 385 F

**Specific Gravity:** 0.99

**PH:** Alkaline

**Solubility in water:** <1% @ 25C

## Section 4 - Fire and Explosion Data

**Flash Point:** 267 F (Cleveland Closed Cup)

**Extinguishing Media:** Use water fog, Foam, CO2 or dry chemical extinguishing media.

**Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

**Unusual Hazards:** Decomposition and combustion products may be toxic.

## Section 5 - Health Effects

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Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure Effects:** Burns in the eye may cause blindness. Contact of undiluted product with the skin or eyes quickly cause severe irritation and pain and may cause burns, necrosis and permanent injury.

**Chronic Overexposure Effects:** There are no known chronic effects associated with this material.

### Health Harards:

Harmful if swallowed

Corrosive to eyes

Corrosive to skin

Severe eye irritant

Severe skin irritant

May cause skin sensitization

### First Aid Procedures:

**Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**Eyes:** Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

**Ingestion:** If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**Inhalation:** Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

## Section 6 - Reactivity Data

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**Stability Data:** Stable

**Incompatibility:** None known.

**Hazardous Polymerization:** Does not occur.

**Corrosive Properties:** Not corrosive

**Oxidizer Properties:** Not an oxidizer.

## Section 7 - Personal Protection

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**Clothing:** Gloves, coveralls, apron and boots as necessary to prevent contact.

**Eyes:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Respiration:** If vapors or mist are generated, wear a NIOSH/MSHA approved if allergies to said product exist.

**Ventilation:** Open all doors windows to allow for adequate air flow and circulation.

## Section 8 - Spill and Leak/Environmental

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Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA.

**Waste Disposal:** Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:** Recommend crushing or other means to prevent unauthorized reuse.

**Other Emergency Advice:** Wear protective clothing, boots, gloves and eye protection.

## Section 9 - Regulatory Information

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RCRA Hazardous Waste Number: N/A

CERCLA: No

**HAZARD RATING: Health- 3**

**Fire- 1**

**Reactivity- 0**

**Special: NA**

This product is not a physical hazard according to the OSHA Hazard Communication Standard;

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.