



MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

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NOTE: The Chemtrec Transportation Emergency Phone is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

1. PRODUCT AND COMPANY IDENTIFICATION:

Cefic TEC (R) - 30GF1 - III

Trade Name: **Carboweld 11 Liquid ZA**

Chemical Family: **Ethyl Silicate Solution**

Chemical Name:

Synonyms: **Inorganic Zinc Liquid Component**

Class: **3**

PG: **III**

HI No: **30**

UN No: **1263**

2. COMPOSITION:

Hazardous components: **Flammable Solvents**

EEC Classification:

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: **Volatile Organic Solvents**

Flammability: **Flammable**

Chemical Hazard:

Reproductive hazard: **Not Determined**

Eye effect : eyes: **Irritant**

Health effects - skin: **Irritant**

Health effects – ingestion: **Harmful**

Health effects – inhalation: **Vapours can cause dizziness, headaches and nausea**

Neurotoxicity: **Solvents - Can effect brain and nervous system**

4. FIRST AID MEASURES:

Product in eye: **Flush with large amounts of water. Consult a physician.**

Product on skin: **Wash affected area with soap and water. Consult a physician if irritation persists.**

Product ingested: **Do not induce vomiting. Get medical attention.**

Product inhaled: **Remove to fresh air. Restore breathing. Get medical attention.**

5. FIRE FIGHTING MEASURES:

Extinguishing media: **Dry Chemical, Foam, Carbon Dioxide, Water Fog.**

Special hazards: **Vapours are heavier than air and will accumulate forming explosive concentrations.**

Protective clothing: **Self contained breathing apparatus and complete body protection.**

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: **Appropriate PPE and equipment.**

Environmental precautions: **Contain all spills.**

Small spills: **Soak with absorbent, dispose of in accordance with local regulations.**

Large spills: **Contain spill, soak with absorbent, dispose of in accordance with local regulations.**

7. HANDLING AND STORAGE:

Suitable material: **Stable under normal conditions.**

Handling / Storage precautions: **Away from heat.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:	
Occupational Exposure Limits:	Not Determined
Engineering Control measures:	Ensure adequate ventilation
Personal Protection–respiratory:	Approved respirator in confined spaces
Personal Protection–hand:	Impervious gloves
Personal Protection–eye:	Chemical goggles
Personal Protection–skin:	Protective clothing
Other Protection:	Protective creams for skin
9. PHYSICAL AND CHEMICAL PROPERTIES:	
Appearance:	Viscous, Gel-Like Liquid
Odour:	Volatile Organic Solvent
Flash Point:	13°C
Flammability:	Flammable
Explosive Properties:	Store away form heat, ignition source
Oxidising Properties:	Not Applicable
Density:	1.100kg / Litre
Solubility - water:	Insoluble
Solubility - solvent:	Soluble
10. STABILITY AND REACTIVITY:	
Conditions to avoid:	Sources of heat
Incompatible materials:	Strong oxidising agents
Hazardous decomposition Products:	Carbon monoxide, nitrogen oxides, and unidentified organic compounds
11. TOXICOLOGICAL INFORMATION:	
Acute toxicity :	Avoid inhalation and ingestion
Skin and eye contact:	Irritant
12. ECOLOGICAL INFORMATION:	
Aquatic toxicity - fish:	Toxic in large quantities
Aquatic toxicity - daphnia:	Toxic in large quantities
Aquatic toxicity - algae:	Toxic in large quantities
Biodegradability :	Not readily biodegradable
Mobility :	Not miscible with water
13. DISPOSAL CONSIDERATIONS:	
Disposal methods :	In accordance with local regulations.
Disposal of packaging :	In accordance with local regulations.
14. TRANSPORT INFORMATION:	
UN No. :	1263
Substance identity No. :	
Tremcard No.:	
15. REGULATORY INFORMATION:	
EEC hazard classification :	None
16. OTHER INFORMATION:	
One Part of a Two Component Product	

The information contained herein relates only to the specific material identified. Stoncor Africa (Pty) Ltd believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information.