



Safety Data Sheet-ICT CH Prep

1 – PRODUCT IDENTIFICATION

Product Name: ICT CH PREP

Product Number: -

Product Use: Concrete hardener, sealer, protectant

DATE PREPARED: 11-29-2016

COMPANY: Buddy Rhodes Concrete Products

5600 Lower Macungie Road, Macungie PA 18062

Domestic: 1 (877) 706-5303 International: (610) 252-5800

EMERGENCY PHONE: domestic: (800) 255-3924 international: (813) 248-0585 (Chem-Tel)

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Acute toxicity, oral – Category 5 (H303)

Acute toxicity, dermal – Category 4 (H312)

Eye irritation – Category 2A (H319)

Acute toxicity, inhalation – Category 5 (H333)

GHS Label elements, including precautionary statements

Hazard Pictogram(s):



Signal word: Warning

Prevention Precautions:

P264

Wash with soap and water thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Response Precautions:

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P304 + P312

IF INHALED: Call a POISON CENTER/doctor/physician if you feel unwell.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312

Call a POISON CENTER/doctor/physician if you feel unwell.

P337 + P313

If eye irritation persists: Get medical advice/attention.

P362 + P364

Take off contaminated clothing and wash it before reuse.

Disposal Precautions:

P501

Dispose of contents/container according to local, state and federal laws.

Hazards not otherwise classified (HNOC) or not covered by GHS – none known



Safety Data Sheet-ICT CH Prep

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
Silane	Proprietary	1-8%
Polymer dispersion	Proprietary	15-25%
Amorphous silicate in water	7631-86-9	10-15%
water	7732-18-5	balance

Substance/Mixture: mixture

Synonym: ICT CH Prep

4 – FIRST-AID MEASURES

Description of first aid measures

In case of inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

In case of skin contact: Rinse skin with water. If skin irritation occurs, get medical advice.

In case of eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

In case of ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention. Rinse mouth. DO NOT induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention.

Most important symptoms/effects both acute and delayed: Seek medical attention if inhaled or ingested

Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable extinguishing media: Foam, water spray, dry chemical powder, carbon dioxide, or sand

Unsuitable extinguishing media: Do not use a heavy water stream

Flash point: Not applicable

Auto ignition temperature: Not applicable

Specific protective equipment and procedures for firefighters: Wear self contained breathing apparatus and protective clothing

Specific chemical hazards: None

6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

Methods for cleanup: Dispose in accordance to local, state or federal regulations.



Safety Data Sheet-ICT CH Prep

7 – HANDLING and STORAGE

Storage: Store in original labeled container. Keep in cool and dry areas.

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

No limits established

Appropriate engineering controls: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protective Equipment

Respiratory Protection: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Eye/Face protection: Wear appropriate chemical safety glasses/goggles.

Hand/Skin Protection: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

9 – PHYSICAL / CHEMICAL PROPERTIES

Appearance: white liquid

Physical State: liquid

Color: white

Odor: ammonia

pH: 11.0

Melting Point: NA

Boiling Point: >212°F

Flash point: Not applicable

Flammability (solid,gas): Not flammable

Explosive Properties: Not explosive

VOC content: < 50g/L

Vapor Pressure: < 2.2 torr @ 68 °F (20 °C)

Vapor Density (AIR=1): >1

Density: 1.067

Solubility in water: >95% in water

Partition Coefficient (n-octanol/water): NOT APPLICABLE

Auto-ignition temperature: Not applicable

Viscosity: Not applicable

10 – STABILITY and REACTIVITY

Reactivity: No hazardous reaction known under normal conditions of use

Chemical Stability: Stable under normal conditions

Hazardous Reactions: Stable under normal conditions



Safety Data Sheet-ICT CH Prep

Conditions to avoid: Avoid incompatible materials

Incompatible materials: May react with strong oxidizing agents and strong acids

Hazardous Decomposition.: If complete combustion, oxides of carbon and silicates are formed.

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: yes

Acute Oral Toxicity: NA

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Chronic Toxicity: Chronic exposure may be irritating to skin

Irritation: Irritant to eyes and skin

Sensitization: Non-sensitizing

Mutagenicity: Non-mutagenic

Carcinogenicity: None known

Reproductive toxicity: No known significant effects or critical hazards on reproduction.

Aspiration hazard: Not applicable

12 – ECOLOGICAL INFORMATION

Ecotoxicity: The toxicity of this product has not been determined.

Persistence and degradability: Not applicable

Bioaccumulative potential: This product should be expected to be readily biodegradable.

Mobility in soil: Not applicable

Results of PBT and vPvB assessment: The substance does not meet the criteria to be identified as PBT or vPvB

13 –DISPOSAL CONSIDERATIONS

Disposal considerations: Waste Disposal Method: What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations. **Container Handling and Disposal:** All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

14 – TRANSPORTATION INFORMATION

DOT: Not regulated, not dangerous good.

Transport by sea (IMO / IMDG): Not regulated. Not dangerous good

Air transport (ICAO/ IATA): Not regulated. Not dangerous good

15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

US Federal Regulations

TSCA Status: all components are listed or exempted



Safety Data Sheet-ICT CH Prep

SECTION 302: None

SECTION 312

Acute: yes

Chronic: yes

Fire: None

Pressure: none

Reactive: None

SARA 313: none

Clean Water Act: not applicable

FDA: NA

US State Regulations

Right to know classification: All ingredients are listed in CA, FL, MA, MI, MN, PA and NJ. TSCA: All ingredients listed or exempt from listing. Reportable Quantity (RQ): None Prop. 65: None

International regulations

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

16 – OTHER INFORMATION

Additional Information: This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

DISCLAIMER OF LIABILITY: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.