

**C2 SEAL**

Date 17.11.2008

Previous date: -

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Identification of the substance or preparation****1.1.1 Commercial Product Name**

C2 SEAL

**1.2 Use of the Substance/Preparation****1.2.1 Expressed in writing**

Sealing agent of concrete, surface treatment agent.

**1.3 Company/undertaking identification****1.3.1 Supplier**

Dyny Oy

**1.3.2 Contact information:****P.O.Box**

Arontie 2

**Postcode and post office**

FIN-39310 Viljakkala

FINLAND

**Telephone**

+ 358 (0)3 371 2277

**Telefax**

+ 358 (0)3 371 2261

**Business ID**

0879180-4

**Email**

mikko.ahonen@dyny.fi

**1.3.3 Identification of the foreign producer**

Crete Colors International, LLC

Phoenix, AZ 85070

United States

**1.4 Emergency telephone****1.4.1 Telephone number, name and address**

- Poison Information Center/Myrkytystietokeskus, Haartmaninkatu 4, 00290 HELSINKI, FINLAND. Tel +358 9 471977 or +358 4711.

- INFOTRACK (24 h): +1 352 323 3500.

**2. HAZARDS IDENTIFICATION**

The product is not classified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Hazardous components****3.1.1****CAS/EC and EINECS  
Reg.number**-  
-  
-**3.1.2****Chemical name of the  
substance**Proprietary Ingredient A  
Proprietary Ingredient B  
Proprietary Ingredient C**3.1.3****Concentration Classification****3.1.4****3.1.7 Other information**

Ingredients A, B and C are proprietary ingredients. In emergency situations further information may be obtained by calling the emergency information number listed above, see section 1.4.1. (29 CFR 1910-1200 and 40 CFR 350).

**4. FIRST AID MEASURES****4.2 Inhalation**

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

**C2 SEAL**

Date 17.11.2008

Previous date: -

- 4.3 Skin contact**  
Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.
- 4.4 Eye contact**  
Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.
- 4.5 Ingestion**  
Drink large quantities of water or milk; DO NOT induce vomiting; seek medical attention immediately.

**5. FIRE-FIGHTING MEASURES**

Floor will become slippery if material is released. Product is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.

- 5.1 Suitable extinguishing media**  
Water, water fog, foam, carbon dioxide (CO<sub>2</sub>), dry chemical.  
Keep containers cool with water spray to prevent container rupture due to steam buildup.
- 5.3 Specific hazards**  
-

**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions**  
Product is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.
- 6.2 Environmental precautions**  
Dispose of in accordance with local and national regulations (alkaline material). Consult environmental authorities before disposing this product.
- 6.3 Methods for cleaning up**  
Wash small spills to sanitary sewer.  
Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

**7. HANDLING AND STORAGE**

- 7.1 Handling**  
Proper work practices and planning should be utilized to avoid contact with workers, passersby, and nonmasonry surfaces. Always follow published application rates. See the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be prohibited during the use of this product. Wash hands before breaks and at the end of a shift.  
Avoid generating mists during application.
- 7.2 Storage**  
Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep from freezing. Keep this and other chemicals out of reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- 8.1 Exposure Limit Values**
- 8.1.3 Limit values in other countries**  
Ingredient A: ACGIH TLV/TWA 1 mg/m<sup>3</sup>.
- 8.2 Exposure controls**
- 8.2.1 Occupational exposure controls**

**C2 SEAL**

Date 17.11.2008

Previous date: -

The use of local exhaust ventilation is recommended. Use corrosion-resistant ventilation equipment. Provide eyewash and clean water for rinsing skin.

**8.2.1.1 Respiratory protection**

None required while threshold limits are kept below maximum allowable concentrations, if the concentration exceeds limits, an approved respirator must be worn. Refer to European Standard EN 149 for complete regulations. If mists are present, wear an approved dust/mist respirator.

**8.2.1.2 Hand protection**

Neoprene or rubber gloves with cuffs as needed to prevent prolonged exposure.

**8.2.1.3 Eye protection**

Safety glasses with side shields. Depending on application condition, chemical splash goggles or a face shield may be necessary to prevent eye contact.

**8.2.1.4 Skin and body protection**

Coveralls, apron, or other equipment as needed to minimize skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 General Information (appearance, odour)**

Milky white liquid, practically odorless

**9.2 Important Health Safety and Environmental Information**

|                |                                  |                        |
|----------------|----------------------------------|------------------------|
| <b>9.2.1</b>   | <b>pH</b>                        | 11.5                   |
| <b>9.2.2</b>   | <b>Boiling point/range</b>       | 100°C                  |
| <b>9.2.4</b>   | <b>Flammability (solid, gas)</b> | Not flammable          |
| <b>9.2.5</b>   | <b>Explosive properties</b>      |                        |
| <b>9.2.5.1</b> | <b>Lower explosion limit</b>     | -                      |
| <b>9.2.5.2</b> | <b>Upper explosion limit</b>     | -                      |
| <b>9.2.7</b>   | <b>Vapour pressure</b>           | 17 mmHg (20°C)         |
| <b>9.2.8</b>   | <b>Relative density</b>          | 1100 kg/m <sup>3</sup> |
| <b>9.2.9</b>   | <b>Solubility</b>                |                        |
| <b>9.2.9.1</b> | <b>Water solubility</b>          | Appreciable (>95%)     |
| <b>9.2.12</b>  | <b>Vapour density</b>            | < 1 (air = 1)          |

**9.3 Other information**

Melting point 0°C .

**10. STABILITY AND REACTIVITY****10.1 Conditions to avoid**

Extreme temperatures, keep from freezing.  
Stable.

**10.2 Materials to avoid**

Strong oxidizers, strong acids

**10.3 Hazardous decomposition products**

Smoke, fumes, oxides of carbon.

Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon and lithium, hydrocarbons, fumes, and smoke may be produced.

**11. TOXICOLOGICAL INFORMATION****11.3 Sensitisation**

-

**11.4 Subacute, subchronic and prolonged toxicity**

Prolonged contact may cause skin and eye irritation.

**C2 SEAL**

Date 17.11.2008

Previous date: -

**11.5 Human experience****PRIMARY ROUTES OF EXPOSURE:** Skin, eyes, inhalation, ingestion.

Contact with eyes may cause pain and irritation.

Contact with skin may cause irritation, dermatitis.

Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

Irritating to digestive tract; may cause gastric distress, stomach pains.

**11.6 Other information of acute toxicity****CARCINOGEN INFORMATION:** Not listed (OSHA, IARC, NTP).**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity****12.1.1 Aquatic toxicity**

-

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations (alkaline material).

Consult appropriate authorities before disposing of this product.

**14. TRANSPORT INFORMATION****14.1 UN-No**

-

**14.3 Land transport****14.3.3 Description of the goods**

-

**14.3.4 Further Information**

Not classified as dangerous in the meaning of transport regulations.

**14.4 Sea transport****14.4.1 IMDG**

-

**14.5 Air transport****14.5.1 ICAO/IATA**

-

**15. REGULATORY INFORMATION****15.1 Information on the warning label****15.1.1 Letter code of the warning symbol and indications of danger for the preparation**

-

**15.1.4 S-phrases(s)**

S2 Keep out of the reach of children.

S24/25 Avoid contact with skin and eyes.

**16. OTHER INFORMATION****16.4 Additional information available from:**

**C2 SEAL**

Date 17.11.2008

Previous date: -

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **Crete Colors International, LLC expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**16.5 Literary reference**

1) This safety datasheet is based on the Finnish safety datasheet of 17 October 2008.