



Basic-Crete Urethanes – Epoxies – M.M.A.s

# Material Safety Data Sheet

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Date Prepared 11/28/06

|                                   |   |   |                     |   |
|-----------------------------------|---|---|---------------------|---|
| <b>SECTION 1 - IDENTIFICATION</b> |   | HAZARD RATING   | Health              | 1 |
|                                   |   | 0 = Least<br>1 = Slight<br>2 = Moderate<br>3 = High<br>4 = Moderate | Flammability        | 1 |
| IDENTITY (As Used on Label)       | <b>Basic Cement Base Urethane Topcoat Resin</b> |   | Reactivity          | 0 |
| COMMON NAME                       | Polyol-Pigment Blend                            |   | Personal Protection | B |

| SECTION II – PRODUCT COMPONENTS | CAS.#                    | OSHA PEL                    | ACGIH TLV                   |
|---------------------------------|--------------------------|-----------------------------|-----------------------------|
| Polyester polyol                | Proprietary <sup>1</sup> | NE <sup>2</sup>             | NE                          |
| Polyolakoxyate                  | Proprietary              | NE                          | NE                          |
| Aluminum Silicate               | 1332-58-7                | 10mg/m <sup>3</sup> (Dust)  | 10mg/m <sup>3</sup>         |
| Silicone Dioxide                | 1333-86-4                | 3.5mg/m <sup>3</sup> (Dust) | 3.5mg/m <sup>3</sup> (Dust) |
| Rutile Titanium Dioxide         | 13463-67-7               | 10mg/m <sup>3</sup>         | 10mg/m <sup>3</sup>         |
| Inorganic Iron Oxides           | 1309-37-1                | 10mg/m <sup>3</sup>         | 10mg/m <sup>3</sup>         |

<sup>1</sup>The manufacturer of the component states that they will provide additional information to a health professional in the event of a medical emergency.

<sup>2</sup>Not Established

T.S.C.A. Status O.K.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

| SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS |  |   |     |
|---|--|---|-----|
| Boiling Point                                   | 595 <sup>0</sup> F   | Specific Gravity (H <sub>2</sub> O = 1) | >1  |
| Vapor Pressure (mm Hg)                          | N/A  | Melting Point                           | N/A |
| Vapor Density (Air = 1)                         | >1   | Evaporation rate (Butyl Acetate = 1)    | <1  |
| Solubility in Water                             | Insoluble  |   |     |
| Appearance and Odor                             | Viscous Liquid. Color varies upon desired shade. Faint Aromatic Odor |   |     |

| SECTION IV – FIRE AND EXPLOSION HAZARD DATA |  |                  |            |            |
|---|--|------------------|------------|------------|
| Flash Point                                 | >400F  | Flammable Limits | LEL<br>N/A | UEL<br>N/A |
| Extinguishing Media                         | Foam, CO <sub>2</sub> , dry chemical, water spray.   |                  |            |            |
| Special Firefighting Procedures             | Wear full protective equipment including self-contained breathing apparatus.   |                  |            |            |
| Unusual Fire and Explosion Hazards          | Combustion products may be toxic. Cool storage containers with water spray to prevent pressure build-up that may rupture the containers. |                  |            |            |

| SECTION V – REACTIVITY DATA            |                                   |   |  |
|--|-----------------------------------|---|--|
| Stability                              | Unstable                          |   | Conditions to Avoid                        |
|  | Stable                            | X | None Known                                 |
| Incompatibility (Materials to Avoid)   | Strong Oxidents.                  |   |  |
| Hazardous Decomposition or Byproducts. | Burning will produce toxic fumes. |   |  |
| Hazardous Polymerization               | May Occur                         |   | Conditions to Avoid                        |
|  | Will Not Occur                    | X | Avoid contact with strong oxidizing agent. |

| <b>SECTION VI – HEALTH HAZARD DATA</b>  |  |   |  |
|---|--|---|--|
| Rout(s) of Entry:   | Inhalation?  | Skin?   | Ingestion?   |
|   | NO   | YES   | YES  |
| Signs and Symptoms of Exposure  | Irritation of skin.  |   |  |
| Health Hazards (Acute and Chronic)  | <p>ACUTE – Irritation of skin and dermatitis.</p> <p>CHRONIC – Repeated over-exposure may cause skin irritation, dermatitis and sensitization. Sensitized person may experience rapid irritation of skin upon exposure.</p> <p>NOTE: Persons with lung disorders or who are sensitized should not use this product.</p>  |   |  |
| Carcinogenicity   | NTP?   | IARC Monographs?  | OSHA Regulated?  |
|   | NO   | NO  | NO   |
| Medical Conditions Generally Aggravated by Exposure   | Respiratory disorders (asthma, bronchitis, emphysema, bronchial hyperactivity), skin allergies, eczema.  |   |  |
| Emergency and First Aid Procedures  | <p>EYES – Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.</p> <p>SKIN – PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.</p> <p>INHALATION – Not a likely route of entry. Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.</p> <p>INGESTION – Get medical attention immediately. Never give liquids to an unconscious or convulsing person.</p> |   |  |
| <b>SECTION VII – CONTROL MEASURES</b>   |  |   |  |
| Respiratory Protection (Specify Type): Provide adequate exhaust ventilation; use a NIOSH approved respirator if PELs/TLVs are exceeded. |  |   |  |
| Ventilation   | Local Exhaust  | IF needed   | Special          None Known                            |
|   | Mechanical   | Adequate exhaust ventilation must exhaust away from applicator. |  |
| Protective Gloves   | Neoprene or natural rubber gloves  |   | Eye Protection          Splash goggles or face shield. |
| Other Protective Clothing or Equipment  | <p>Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams may help, but gloves must still be worn. Clean-up with soap and water. An eye wash station or an adequate supply of clean water must be available at work area.</p>   |   |  |
| Work/Hygienic Practices   | Enforce careful handling to prevent splashing. Wash thoroughly after use.  |   |  |
| <b>SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE</b>  |  |   |  |
| Steps to be Taken in Case Material is Released or Spilled   | <p>Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.</p>  |   |  |
| Waste Disposal Method   | Dispose in accordance with Federal, State and Local requirements.  |   |  |
| Precautions to be Taken in Handling and Storing   | Keep containers tightly closed when not in use.  |   |  |
| Other Precautions   | None Known   |   |  |
| <b>Please Note</b>  | <p>“The above information is accurate to the best of our knowledge. However, since data safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Basic Polymers MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data to his particular use.”</p>                        |   |  |