



Concrete Technology Incorporated

"Bringing Design & Beauty to Concrete Around the World"

AN INC. 500 COMPANY

www.flycti.com

MATERIAL SAFETY DATA SHEET

DATE PREPARED: June 7, 2013
EMERGENCY CHEMTREC: 1-800-424-9300

\*\*\* SECTION 1 - PRODUCT IDENTIFICATION \*\*\*

PRODUCT NAME: SMART PREP
PRODUCT CODE: SP1 OR SP5
GENERAL USE: CRACK REPAIR AND PRIMER
PRODUCT DESCRIPTION: PIGMENTED ACRYLIC LATEX

\*\*\* SECTION 2 - HAZARDS IDENTIFICATION \*\*\*

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

Irritation

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

HMIS Codes

Health 1
Flammability 0
Reactivity 0
Protective Equipment B

\*\*\* SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS \*\*\*

Table with 3 columns: Hazardous Component, CAS #, % By Weight. Rows include TITANIUM DIOXIDE, CALCIUM CARBONATE, ACRYLIC POLYMER EMULSION, WATER, ZINC OXIDE.

\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*

ROUTES OF EXPOSURE: Inhalation of vapor or mist. Eye or skin contact with the product, vapor or mist.

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

Corporate Headquarters



SKIN: Wash affected area thoroughly with soap and water.  
INHALATION: If affected. Remove from exposure. Restore breathing. Keep quiet and warm.  
INGESTION: Do not induce vomiting. Get medical attention immediately.

**\*\*\* SECTION 5 – FIRE FIGHTING MEASURES \*\*\***

**EXTINGUISHING MEDIA**

Water based coating. Will not burn under normal circumstances.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode when exposed to extreme heat.

**SPECIAL FIRE FIGHTING PROCEDURES**

Water may be used to cool to prevent pressure build up.

**\*\*\* SECTION 6 – ACCIDENTAL RELEASE MEASURES \*\*\***

**PERSONAL PRECAUTIONS**

Avoid breathing fumes. Wear proper personal equipment.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter sewers/surface or ground water.

**METHODS OF CLEAN UP**

Absorb spill with vermiculite, floor absorbent or other absorbent material.

**\*\*\* SECTION 7 – HANDLING AND STORAGE \*\*\***

**SAFE HANDLING**

Avoid breathing vapors or spray mist.

**FIRE PREVENTION**

The product itself will not burn.

**STORAGE**

Keep container closed in a dry well ventilated place.

**\*\*\* SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION \*\*\***

CHEMICAL NAME	CAS#	OSHA PEL	ACGIH TLV	WT %
TITANIUM DIOXIDE	13463-67-7	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5.78
CALCIUM CARBONATE	1317-65-3	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	35.12
ACRYLIC POLYMER EMULSION	SUPP. CONF.	NE	NE	38.6
WATER	7732-18-5	NE	NE	15.98
ZINC OXIDE	1314-12-3	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	3.72

**RESPIRATORY PROTECTION**

Whenever workers are in concentrations above the exposure limit they must use appropriate NIOSH/MSHA approved respirators.

**SKIN PROTECTION**

Wear impervious gloves and apron to prevent skin contact.

**EYE/FACE PROTECTION**

Use splash-proof safety goggles or face shield.

**OTHER PRECAUTIONS**

Eyewash station and safety shower should be available within the workplace.

**ENGINEERING CONTROLS**

Local exhaust preferable. General exhaust is acceptable if maintained below applicable exposure limits.

**\*\*\* SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES \*\*\***

PHYSICAL STATE: Liquid  
ODOR: Non-descript  
COLOR: White  
PH: 8.5 to 9.0  
BOILING POINT: 212°F  
FREEZING POINT: 32°F  
FLAMMABILITY: Non-flammable  
RELATIVE DENSITY: 1.45  
SOLUBILITY: 100%  
VOC CONTENT: 80.7 grams/liter

**\*\*\* SECTION 10 – STABILITY AND REACTIVITY \*\*\***

**MATERIALS TO AVOID**

None

**HAZARDOUS REACTIONS**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**\*\*\* SECTION 11 – TOXICOLOGICAL INFORMATION \*\*\***

**ACUTE EFFECTS**

None known

**CRYSTALLINE SILICAS**

Exposures to respirable crystalline silica are not expected during normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

**\*\*\* SECTION 12 – ECOLOGICAL INFORMATION \*\*\***

**ECOLOGICAL EFFECTS**

This product has no known adverse ecological effects.

**\*\*\* SECTION 13 – DISPOSAL CONSIDERATION \*\*\***

Collect and dispose of in accordance with Federal, State/Provincial and Local  
Do not contaminate ground water and environment.  
Recycle empty buckets or bags.

**\*\*\* SECTION 14 – TRANSPORT INFORMATION \*\*\***

Non-regulated, not classified as dangerous.

**\*\*\* SECTION 15 – REGULATORY INFORMATION \*\*\***

Observe the general safety regulations when handling.

SARA 313 Not considered hazardous  
EPCRA 302 Not considered hazardous  
EPCRA 304 Not considered hazardous  
RCRA Hazardous Waste: Not Listed

**\*\*\* SECTION 16 – OTHER INFORMATION \*\*\***

This product is not intended for use in food or pharmaceuticals.

The information provided in this Safety Data Sheet is, to the best of our knowledge, correct. The data set forth on this sheet is based on information provided by the suppliers of raw materials and chemicals used in the production and manufacture of the aforementioned products. Concrete Technology Inc. makes no warranty with respect to the accuracy of the information provided by the suppliers, and disclaims all liability of reliance thereof. Buyer assumes all risk of use, storage and handling of the product in accordance with federal, state and local laws and regulations.