

# SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Name:** ProSpec B-7000 PART B Curing Agent  
**Product Code:** 65464521 (1 gal), 65464542 (3 gal)

### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Use:** Various.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Name/Address:** H.B. Fuller Construction Products Inc.  
 1105 S. Frontenac Street  
 Aurora, IL 60504

**Telephone Number:** Phone: 1-800-552-6225

### 1.4 EMERGENCY TELEPHONE NUMBER

Medical Emergency Phone Number  
 (24 Hours): 1-888-853-1758

Transport Emergency Phone Number  
 (CHEMTREC): 1-800-424-9300

**Date of Preparation:** February 1, 2013      **Version #:** 1.0

## Section 2: HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE CHEMICAL

	Hazard class
Acute toxicity 4 (Dermal)	
Skin corrosion 1B	
Serious eye damage 1	
Skin sensitization 1	
Carcinogenicity 1A	

### 2.2 LABEL ELEMENTS

**Hazard Pictogram:**



**Signal Word:** Danger

**Hazard Statement:** Toxic in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer.

**Prevention:** Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Do not breathe gas/fumes/vapour/spray.

## SAFETY DATA SHEET

Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling.

- Response:** If exposed or concerned: Get medical advice/attention. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor
- Storage:** Store locked up.
- Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

### 2.3 ADDITIONAL INFORMATION

- Hazards not otherwise classified:** Not applicable.
- 58.2 % of the mixture consists of ingredient(s) of unknown acute toxicity.
- This product is a hazardous chemical as defined by NOM-018-STPS-2000.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 MIXTURES

Ingredient	UN #	H / F/ R / *	CAS No	Wt. %
Titanium dioxide	Not available.	1/0/0	13463-67-7	10 - 30
Isophorone diamine	UN2289	Not available.	2855-13-2	10 - 30
Tetraethylenepentamine	UN2320	Not available.	112-57-2	5 - 10
Triethylenetetramine	UN2259	3/1/0	112-24-3	1 - 5
Siloxanes and Silicones, di-Me, reaction products with silica	Not available.	Not available.	67762-90-7	1 - 5

The exact percentage (concentration) of chemicals has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

\* Per NOM-018-STPS-2000

### Section 4: FIRST- AID MEASURES

#### 4.1 DESCRIPTION OF THE FIRST AID MEASURE

- Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
- Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by

**SAFETY DATA SHEET**

medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

## SAFETY DATA SHEET

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

<b>Eye:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
<b>Skin:</b>	Toxic in contact with skin. Causes severe skin burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May cause stomach distress, nausea or vomiting.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

<b>Note to Physicians:</b>	Symptoms may not appear immediately.
<b>Specific Treatments:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE-FIGHTING MEASURES

### 5.1 FLAMMABILITY

<b>Flammability:</b>	Not flammable by WHMIS/OSHA criteria.
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### 5.2 EXTINGUISHING MEDIA

<b>Suitable Extinguishing Media:</b>	Treat for surrounding material.
<b>Unsuitable Extinguishing Media:</b>	Not available.

### 5.3 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

<b>Products of Combustion:</b>	May include, and are not limited to: oxides of carbon.
<b>Explosion Data:</b>	
<b>Sensitivity to Mechanical Impact:</b>	Not available.
<b>Sensitivity to Static Discharge:</b>	Not available.

### 5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

<b>Methods for Containment:</b>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for Cleaning-Up:</b>	Scoop up material and place in a disposal container. Provide ventilation.

## SAFETY DATA SHEET

### Section 7: HANDLING AND STORAGE

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

- Handling:** Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. (See section 8)
- General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage:** Keep out of the reach of children. Keep containers closed when not in use. (See section 10)

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS

##### Exposure Guidelines

Occupational Exposure Limits		
Ingredient	OSHA-PEL	ACGIH-TLV
Titanium dioxide	15 mg/m <sup>3</sup> (total dust)	10 mg/m <sup>3</sup>
Isophorone diamine	Not available.	Not available.
Tetraethylenepentamine	Not available.	Not available.
Triethylenetetramine	Not available.	Not available.
Siloxanes and Silicones, di-Me, reaction products with silica	Not available.	Not available.

#### 8.2 EXPOSURE CONTROLS

- Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

#### 8.3 INDIVIDUAL PROTECTIVE MEASURES

##### Personal Protective Equipment:

**Eye/Face Protection:** Safety glasses or goggles are recommended when using product.

##### Skin Protection:

**Hand Protection:** Wear suitable gloves.

**Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Wear suitable respiratory equipment.

**General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Not available.
- Color:** Not available.
- Odor:** Not available.

**SAFETY DATA SHEET**

<b>Odor Threshold:</b>	Not available.
<b>Physical State:</b>	Liquid.
<b>pH:</b>	Not available.
<b>Melting Point/Freezing Point:</b>	Not available.
<b>Initial Boiling Point and Boiling Range:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Flammability:</b>	Not Flammable.
<b>Lower Flammability/Explosive Limit:</b>	Not available.
<b>Upper Flammability/Explosive Limit:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.
<b>Relative Density/Specific Gravity:</b>	Not available.
<b>Solubility:</b>	Not available.
<b>Partition coefficient: n-octanol/water:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Percent Volatile, wt. %:</b>	Not applicable.
<b>VOC content, wt. %:</b>	10 g/L

**Section 10: STABILITY AND REACTIVITY**

**10.1 REACTIVITY**

No dangerous reaction known under conditions of normal use.

**10.2 CHEMICAL STABILITY**

Stable under normal storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No dangerous reaction known under conditions of normal use.

**10.4 CONDITIONS TO AVOID**

Incompatible materials.

**10.5 INCOMPATIBLE MATERIALS**

None known.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

May include, and are not limited to: oxides of carbon.

## SAFETY DATA SHEET

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

**Likely Routes of Exposure:** Skin contact, skin absorption, eye contact, inhalation, and ingestion.

**Symptoms related to physical/chemical/toxicological characteristics:**

**Eye:** Causes serious eye damage. May cause serious chemical burns. Severe irritation, redness and pain.

**Skin:** Toxic in contact with skin. Causes severe skin burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction.

**Ingestion:** May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation.

**Acute Toxicity:**

Ingredient	IDLH	LC50	LD50
Titanium dioxide	Ca 5000 mg/m <sup>3</sup>	Not available.	Oral >10000 mg/kg, rat Dermal >10000mg/kg, rabbit
Isophorone diamine	Not available.	Not available.	Oral 1030 mg/kg, rat
Tetraethylenepentamine	Not available.	Not available.	Oral 2100 mg/kg, rat Dermal 660 mg/kg, rabbit
Triethylenetetramine	Not available.	Not available.	Oral 2500 mg/kg, rat Dermal 550 mg/kg, rabbit
Siloxanes and Silicones, di-Me, reaction products with silica	Not available.	Not available.	Not available.

#### Calculated overall Chemical Acute Toxicity Values

LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not available.	2060.0 mg/kg, rat	1617.1 mg/kg, rabbit

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Titanium dioxide	G-A4, I-2B, O, CP65
Isophorone diamine	Not listed.
Tetraethylenepentamine	Not listed.
Triethylenetetramine	Not listed.
Siloxanes and Silicones, di-Me, reaction products with silica	Not listed.

#### 11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

**Skin Corrosion/Irritation:** Causes serious eye damage.

**Serious Eye Damage/Irritation:** Causes severe skin burns.

**Respiratory Sensitization:** Based on available data, the classification criteria are not met.

**Skin Sensitization:** May cause an allergic skin reaction.

**STOT-Single Exposure:** Based on available data, the classification criteria are not met.

**Chronic Health Effects:**

**Carcinogenicity:** May cause cancer.

**Germ Cell Mutagenicity:** This product is not classified as a mutagen.

## SAFETY DATA SHEET

**Reproductive Toxicity:**

**Developmental:** Based on available data, the classification criteria are not met.

**Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.

**Fertility:** Based on available data, the classification criteria are not met.

**STOT-Repeated Exposure:** Based on available data, the classification criteria are not met.

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

**Toxicologically Synergistic Materials:** Not available.

**Other Information:** Not available.

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**Section 12: ECOLOGICAL INFORMATION**

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**12.1 ECOTOXICITY**

**Acute/Chronic Toxicity:** May cause long-term adverse effects in the aquatic environment.

**12.2 PERSISTENCE AND DEGRADABILITY**

Not available.

**12.3 BIOACCUMULATIVE POTENTIAL**

**Bioaccumulation:** Not available.

**12.4 MOBILITY IN SOIL**

Not available.

**12.5 OTHER ADVERSE EFFECTS**

Not available.

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**Section 13: DISPOSAL CONSIDERATIONS**

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**13.1 WASTE TREATMENT METHODS**

**Disposal Method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Other disposal recommendations:** Not available.

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**Section 14: TRANSPORT INFORMATION**

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**14.1 UN NUMBER**

<b>DOT</b> Not regulated.	<b>TDG</b> Not regulated.	<b>NOM-004-SCT2-1994</b> Not regulated.
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**14.2 UN PROPER SHIPPING NAME**

<b>DOT</b> Not applicable.	<b>TDG</b> Not applicable.	<b>NOM-004-SCT2-1994</b> Not applicable.
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## SAFETY DATA SHEET

### 14.3 TRANSPORT HAZARD CLASS (ES)

<b>DOT</b>	<b>TDG</b>	<b>NOM-004-SCT2-1994</b>
Not applicable.	Not applicable.	Not applicable.

### 14.4 PACKING GROUP

<b>DOT</b>	<b>TDG</b>	<b>NOM-004-SCT2-1994</b>
Not applicable.	Not applicable.	Not applicable.

### 14.5 ENVIRONMENTAL HAZARDS

Not available.

### 14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available.

### 14.7 SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

### Section 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

SARA Title III				
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Titanium dioxide	Not listed.	Not listed.	Not listed.	Not listed.
Isophorone diamine	Not listed.	Not listed.	Not listed.	Not listed.
Tetraethylenepentamine	Not listed.	Not listed.	Not listed.	Not listed.
Triethylenetetramine	Not listed.	Not listed.	Not listed.	Not listed.
Siloxanes and Silicones, di-Me, reaction products with silica	Not listed.	Not listed.	Not listed.	Not listed.

#### State Regulations

#### California Proposition 65:

This product may contain trace amounts of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

#### Global Inventories

Ingredient	Canada DSL/NDL	USA TSCA
Titanium dioxide	DSL	Yes.
Isophorone diamine	DSL	Yes.
Tetraethylenepentamine	DSL	Yes.

## SAFETY DATA SHEET

Triethylenetetramine	DSL	Yes.
Siloxanes and Silicones, di-Me, reaction products with silica	DSL	Yes.

NFPA - National Fire Protection Association:	
<b>Health:</b>	3
<b>Fire:</b>	1
<b>Reactivity:</b>	0

HMIS - Hazardous Materials Identification System	
<b>Health:</b>	3*
<b>Fire:</b>	1
<b>Reactivity:</b>	0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

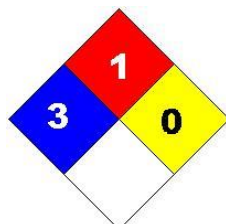
**WHMIS Classification(s):**

- Class D2A - Carcinogenicity
- Class D2B - Skin Sensitization
- Class E - Corrosive Material

**WHMIS Hazard Symbols:**



**Mexico Classification:**



**Blue = Health   Red = Flammability   Yellow = Reactivity   White = Special**

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**CP65      California Proposition 65**

**OSHA (O)      Occupational Safety and Health Administration.**

**ACGIH (G)      American Conference of Governmental Industrial Hygienists.**

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

**IARC (I)      International Agency for Research on Cancer.**

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

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## SAFETY DATA SHEET

**NTP (N)**      **National Toxicology Program.**  
1 - Known to be carcinogens.  
2 - Reasonably anticipated to be carcinogens.

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### Section 16: OTHER INFORMATION

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**Date of Preparation:**      February 1, 2013

**Expiry Date:**              February 1, 2016

**Version:**                    1.0

**Revision Date:**            February 1, 2013

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**End of Safety Data Sheet**