

## Safety Data Sheet

Printing date 02/22/2017

Version Number 1.0

Reviewed on 02/22/2017

### 1 Identification

#### Product identifier

Trade name: Anchor Tite Part B

SDS ID Number: 2420

**Relevant identified uses of the substance or mixture, and uses advised against**  
Specialty construction product. Not intended for other uses

#### Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**  
GCP Applied Technologies  
62 Whittemore Avenue  
Cambridge, MA 02140 USA

GCP Canada, Inc.  
294 Clements Road W.  
Ajax, Ontario L1S 3C6 Canada

#### Information department:

Environmental Health & Safety  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts  
CAN: 1-905-683-8561 (24 hours)  
Email address: msds.gcp@gcpat.com

**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable silica dust may cause silicosis. Occupational exposure to respirable crystalline silica should be monitored and controlled.

This product should be handled with care to avoid dust generation.

May cause an allergic skin reaction.

May cause cancer. Route of exposure: Inhalation.

#### Label elements:

##### Hazard pictograms



GHS07 GHS08

Danger

#### Hazard statements

May cause an allergic skin reaction.

May cause cancer. Route of exposure: Inhalation.

#### Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

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

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Wear protective gloves.  
 IF ON SKIN: Wash with plenty of water.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 IF exposed or concerned: Get medical advice/attention.  
 Wash contaminated clothing before reuse.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:** Avoid breathing dust.

**NFPA ratings (scale 0 - 4)**



Health = 1  
 Fire = 0  
 Reactivity = 0

**HMIS-ratings (scale 0 - 4)**



Health = \*2  
 Flammability = 0  
 Reactivity = 0

**Other hazards****Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**3 Composition/information on ingredients****Chemical characterization: Mixture**

**Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

**Hazardous components:**

14808-60-7	Quartz (SiO <sub>2</sub> )	50-100%
1317-65-3	Calcium carbonate	10-20%
13463-67-7	Titanium dioxide	2.0-5.0%
94-36-0	Dibenzoyl peroxide	1.0-2.0%

**Additional information:** Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

**4 First-aid measures****Description of first aid measures****General information:**

Get medical advice/attention if you feel unwell.

**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**After skin contact:**

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

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**Information for doctor:****Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.**5 Fire-fighting measures****Special hazards arising from the substance or mixture** No further relevant information available.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**Methods and material for containment and cleaning up:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**7 Handling and storage****Handling:****Precautions for safe handling** No special precautions are necessary if used correctly.**Information about protection against explosions and fires:** Keep respiratorator available.**Conditions for safe storage, including any incompatibilities****Storage:****Information about storage in one common storage facility:** Keep respiratorator available.**Further information about storage conditions:** Keep receptacle tightly sealed.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:****14808-60-7 Quartz (SiO<sub>2</sub>)**REL (USA) Long-term value: 0.05\* mg/m<sup>3</sup>  
\*Respirable dust; see pocket guide App. ATLV (USA) Long-term value: 0.025\* mg/m<sup>3</sup>  
0.025 (resp.) for  $\alpha$ -quartz and cristobalite

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**1317-65-3 Calcium carbonate**

TWA (USA)	Short-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm Long-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm (Particulate matter no asbestos)
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**13463-67-7 Titanium dioxide**

PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup> withdrawn from NIC

**94-36-0 Dibenzoyl peroxide**

PEL (USA)	Long-term value: 5 mg/m <sup>3</sup>
REL (USA)	Long-term value: 5 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 5 mg/m <sup>3</sup>

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls**

Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures, eg. by isolating personnel from dusty areas. Remove and wash soiled clothing.

**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Store protective clothing separately.

**Breathing equipment:**

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

**Protection of hands:** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Material of gloves** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Eye protection:**

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



A face shield should also be worn if there is potential exposure to splash or spray.

**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

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## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

Form:	Solid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value (~): Not applicable.

#### Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.

Flammability (solid, gaseous): Not determined.

Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.

#### Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
VOC Content (max):	Not determined.

Vapor pressure:	Not applicable.
Density: (~) at 20 °C (68 °F)	2 g/cm <sup>3</sup> (16.69 lbs/gal)
Relative density	Not determined.
Vapor density	Not applicable.
Evaporation rate	Not applicable.

Solubility in / Miscibility with Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

#### Viscosity:

Dynamic:	Not applicable.
Kinematic:	Not applicable.
Molecular weight	Not applicable.

Other information No further relevant information available.

## 10 Stability and reactivity

**Reactivity** Stable under normal conditions.

#### Chemical stability

**Thermal decomposition:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No further relevant information available.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.

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## 11 Toxicological information

Prolonged and or massive exposure to respirable crystalline silica containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

##### 1317-65-3 Calcium carbonate

Oral	LD50	6450 mg/kg (rat)
	LC50, 96h	10.000 mg/l (fish)

##### 13463-67-7 Titanium dioxide

Oral	LD50	> 5000 mg/kg (rat)
Inhalation	LC50, 4h	>6.82 mg/l (rat)

#### Primary irritant effect:

**on the skin:** No irritating effect expected

**on the eye:** No irritating effect expected

**inhalation:** No irritating effect expected

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

#### Additional toxicological information:

##### 13463-67-7 Titanium dioxide

Inhalation	NOAEC	10 mg/m <sup>3</sup> (rat)
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#### Carcinogenic categories

**IARC (International Agency for Research on Cancer) Human Carcinogenicity:**  
**Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable**

14808-60-7	Quartz (SiO <sub>2</sub> )	1
13463-67-7	Titanium dioxide	2B
94-36-0	Dibenzoyl peroxide	3

#### NTP (National Toxicology Program)

**K—Known to be carcinogenic, R—May reasonably be anticipated to be carcinogenic**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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#### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

### Toxicity

#### Aquatic toxicity:

##### 1317-65-3 Calcium carbonate

EC50, 72h	10.000 mg/l (algae)
EC50, 48h	1.000 mg/l (daphnia magna)

**Persistence and degradability** No further relevant information available.

#### Behavior in environmental systems:

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

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**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Disposal methods:** Comply with Federal, State and local regulations.**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number**

DOT, IMDG, IATA Not applicable.

**UN proper shipping name**

DOT, IMDG, IATA Not applicable.

**Transport hazard class(es)**

DOT, IMDG, IATA

Class Not applicable.

**Packing group**

DOT, IMDG, IATA Not applicable.

**Environmental hazards:****Marine pollutant:** No**Special precautions for user** Not applicable.**Transport/Additional information:**

DOT

**Remarks:** Not Regulated.**UN "Model Regulation":** Not applicable.**15 Regulatory information****SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

94-36-0 | Dibenzoyl peroxide

1.5%

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**SARA Section 312/Tier I & II Hazard Categories:**Health Hazard - Carcinogenicity  
Health Hazard - Respiratory or Skin Sensitization**North America Chemical Inventory Status****TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**California Proposition 65****Chemicals known to cause cancer:**Quartz (SiO<sub>2</sub>)

Titanium dioxide

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenicity Categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)****Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**Quartz (SiO<sub>2</sub>)

A2

Titanium dioxide

A4

Dibenzoyl peroxide

A4

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**14808-60-7 | Quartz (SiO<sub>2</sub>)

13463-67-7 | Titanium dioxide

**Volatile Organic Compounds (VOC) reported per the Emission Standards.**

If no g/L value is provided this product is not subject to above standard.

**16 Other information**

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

**Department issuing SDS:**GCP Applied Technologies  
62 Whittemore Avenue  
Cambridge, MA 02140 USA  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414**Date of preparation / last revision** 02/22/2017 / -**The first date of preparation** 04/16/2015**Number of revision times and the latest revision date** 1.0 / 02/22/2017

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