SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name BMC® II Tint Base

Other means of identification
Product Code(s) 43072

Recommended use of the chemical and restrictions on use
Recommended use Restricted to professional users.
Uses advised against No information available

Details of the supplier of the safety data sheet
Manufacturer Address
PROSOCO, Inc.
3741 Greenway Circle
Lawrence, Kansas 66046

Emergency telephone number
8:00 AM – 5:00 PM CST Monday-Friday 785-865-4200
NON-BUSINESS HOURS (INFOTRAC) 800-535-5053

2. HAZARDS IDENTIFICATION

Classification
Carcinogenicity Category 1A

Label elements

Emergency Overview

Danger

Hazard statements
May cause cancer

Appearance batter like. Physical state Liquid Odor Mild

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Other information
31.16% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>15 - 40</td>
<td>*</td>
</tr>
<tr>
<td>Nepheline Syenite</td>
<td>37244-96-5</td>
<td>10 - 30</td>
<td>*</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>7 - 13</td>
<td>*</td>
</tr>
<tr>
<td>Talc</td>
<td>14807-96-6</td>
<td>3 - 7</td>
<td>*</td>
</tr>
<tr>
<td>Natural diatomaceous earth</td>
<td>61790-53-2</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Dolomite</td>
<td>16389-88-1</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>7631-86-9</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Alkylalkoxy siloxane</td>
<td>104780-78-1</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice If symptoms persist, call a physician.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. Call a physician.

Ingestion Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Self-protection of the first aider Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin irritation. May cause eye irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media  Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  Avoid contact with eyes and skin. Use personal protective equipment as required.

Environmental precautions

Environmental precautions  Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment  Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up  Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities


Incompatible materials  None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust</td>
<td>IDLH: 5000 mg/m³</td>
</tr>
<tr>
<td>Talc 14907-96-6</td>
<td>TWA: 2 mg/m³ particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction (vacated) TWA: 2 mg/m³ respirable dust &lt;1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit</td>
<td>IDLH: 1000 mg/m³ TWA: 2 mg/m³ containing no Asbestos and &lt;1% Quartz respirable dust</td>
<td></td>
</tr>
<tr>
<td>Natural diatomaceous earth 61790-53-2</td>
<td>(vacated) TWA: 6 mg/m³ Silica, amorphous &lt;1% Crystalline silica: (80)/(% SiO2) mg/m³ TWA TWA: 20 mppcf</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>(vacated) TWA: 6 mg/m³ &lt;1% Crystalline silica TWA: 20 mppcf</td>
<td>(vacated) TWA: 0.1 mg/m³ respirable dust fraction</td>
<td>IDLH: 3000 mg/m³ TWA: 6 mg/m³</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------------------------------------</td>
<td>--------------------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>7631-86-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quartz</td>
<td>TWA: 0.025 mg/m³ respirable fraction</td>
<td>(vacated) TWA: 0.1 mg/m³ respirable dust fraction</td>
<td>IDLH: 50 mg/m³ respirable dust</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>(80)/(% SiO₂) mg/m³ TWA</td>
<td>(30)/(% SiO₂ + 2) mg/m³ TWA total dust</td>
<td>TWA: 0.05 mg/m³ respirable dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(250)/(% SiO₂ + 5) mppcf TWA respirable fraction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10)/(% SiO₂ + 2) mg/m³ TWA respirable fraction</td>
<td></td>
</tr>
</tbody>
</table>

**NIOSH IDLH** Immediately Dangerous to Life or Health

**Other information**
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls**
- Showers
- Eyewash stations
- Ventilation systems.

**Individual protection measures, such as personal protective equipment**

- **Eye/face protection**
  Wear safety glasses with side shields (or goggles).

- **Skin and body protection**
  Wear protective gloves and protective clothing.

- **Respiratory protection**
  If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**
Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>batter like.</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>white</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Mild</td>
<td></td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>10</td>
<td>pH Range 9-10</td>
</tr>
<tr>
<td><strong>Melting point / freezing point °F</strong></td>
<td>0 °C / 32 °F</td>
<td>Do not freeze</td>
</tr>
<tr>
<td><strong>Boiling point / boiling range</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>&gt; 100 °C / &gt; 212 °F</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limit in Air</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Upper flammability limit:</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Lower flammability limit:</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Specific gravity</strong></td>
<td>1.3 (1.22-1.41)</td>
<td></td>
</tr>
<tr>
<td><strong>Water solubility</strong></td>
<td>partially soluble</td>
<td></td>
</tr>
<tr>
<td><strong>Solubility in other solvents</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Partition coefficient</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
None known based on information supplied.

Incompatible materials
None known based on information supplied.

Hazardous decomposition products
Carbon oxides. Unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
May cause irritation

Inhalation
Avoid breathing vapors or mists. May be harmful if inhaled.

Eye contact
Avoid contact with eyes. May cause irritation.

Skin Contact
Avoid contact with skin. May cause skin irritation and/or dermatitis.

Ingestion
Do not taste or swallow. May be harmful if swallowed.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50/Oral</th>
<th>LD50/Dermal</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide 7631-86-9</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 2.2 mg/L (Rat) 1 h</td>
</tr>
<tr>
<td>Quartz 14808-60-7</td>
<td>= 500 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics
Symptoms may cause eye and skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).
### 43072 BMC® II Tint Base

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Group</th>
<th>Known</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>Group 2B</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Talc 14807-96-6</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Natural diatomaceous earth 61790-53-2</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Quartz 14808-60-7</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
</tr>
</tbody>
</table>

**AGIHI (American Conference of Governmental Industrial Hygienists)**
- A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**
- Group 1 - Carcinogenic to Humans
- Group 2B - Possibly Carcinogenic to Humans
- Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**
- Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
- X - Present

#### Reproductive toxicity
No information available.

#### STOT - single exposure
No information available.

#### STOT - repeated exposure
No information available.

#### Aspiration hazard
No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity**
31.16% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

- **ATEmix (oral)**: 6927 mg/kg
- **ATEmix (dermal)**: 35335 mg/kg
- **ATEmix (inhalation-gas)**: 107081 mg/l
- **ATEmix (inhalation-dust/mist)**: 10.2 mg/l

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc 14807-96-6</td>
<td>-</td>
<td>100: 96 h Brachydanio rerio g/L LC50 semi-static</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Natural diatomaceous earth 61790-53-2</td>
<td>-</td>
<td>10000: 72 h Cyprinus carpio mg/L LC50</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Silicon Dioxide 7631-86-9</td>
<td>440: 72 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>5000: 96 h Brachydanio rerio mg/L LC50 static</td>
<td>-</td>
<td>7600: 48 h Ceriodaphnia dubia mg/L EC50</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

**Other adverse effects**
No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**
Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**
Do not reuse container.
14. TRANSPORT INFORMATION

DOT
Not Regulated for all modes of transportation.

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide - 13463-67-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Silicon Dioxide - 7631-86-9</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Quartz - 14808-60-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Diuron (Iso) - 330-54-1</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Methanol - 67-56-1</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations
<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Talc 14807-96-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Natural diatomaceous earth 61790-53-2</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Silicon Dioxide 7631-86-9</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Quartz 14808-60-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA
Health hazards 2
Flammability 1
Instability 0

HMIS
Health hazards 2
Flammability 1
Physical hazards 0
Personal protection X

Prepared By
Regulatory Department
Issuing Date 20-Jan-2015
Revision date 01-Nov-2019
Revision Note SDS sections updated 4 5 7

Disclaimer
The information contained on the 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. PROSOCO, Inc. 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.

End of Safety Data Sheet