1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Bon Tool Co.
DBA Bonway
4430 Gibsonia Rd.
Gibsonia, PA 15044

Contact: 800-444-7060
Phone: 800-444-7060
Web: www.bontool.com

Product Name: Tint for Stampable Overlay
Revision Date: 3/05/15
Version: 1.0
CAS Number: Mixture
Chemical Family: Concrete additive
Chemical Formula: Calcium silicate compounds and iron oxides, Chromium (III) Green oxide and Cobalt Blue
Synonyms: Tint Pack

2. HAZARDOUS IDENTIFICATION

Route of Entry: Eyes, skin, inhalation, ingestion

Target Organs: Skin; Eyes; respiratory system; digestive system.

Inhalation: May cause acute irritation and cause burns to respiratory system. Prolonged contact may result in respiratory disease including silicosis. Product contains crystalline silica which can cause silicosis in long term exposure. Use respiratory protection during handling of the dry product that results in an abundance of airborne particulate.

Skin Contact: Prolonged repeated contact may cause skin irritation. Significant long term exposure may result in tissue damage and caustic burns.

Eye Contact: May cause eye irritation. Prolonged repeated contact may cause eye damage and caustic burns.

Ingestion: Prolonged repeated contact may cause irritation. Significant long term exposure may result in tissue damage and caustic burns.

GHS Signal Word: DANGER

GHS Hazard Pictograms:
GHS Classifications:
   Environmental, Hazards to the aquatic environment - Acute, 3
   Health, Acute toxicity, 5 Inhalation
   Health Acute toxicity, 5 Dermal
   Health Acute toxicity, 5 Oral
   Health, Serious Eye Damage/ Eye Irritation, 1
   Health Respiratory or skin sensitization, 1 Respiratory
   Health, Acute toxicity, 4 Inhalation

   Health, Carcinogenicity, 1

GHS Phrases:
   H402 - Harmful to aquatic life
   H333 - May be harmful if inhaled
   H313 - May be harmful in contact with skin
   H303 - May be harmful if swallowed
   H318 - Causes serious eye damage
   H334 - May cause allergy or asthma symptoms of breathing difficulties if inhaled
   H332 - Harmful if inhaled
   H350 - May cause cancer

GHS Precautionary Statements:
   P264 - Wash thoroughly after handling
   P352 - Wash with soap and water

Emergency overview: Immediate or delayed hazard: Exposure of sufficient time to wet Portland cement directly on surface, OR on moist areas of the body to DRY powder cement, can cause serious skin or eye injuries in the form of chemical or caustic burns.

Human Health Hazards:

Chronic Health Hazard - Prolonged exposure can result in respiratory disorders such as silicosis and lung cancer and other lung damages. Do not inhale. Use with respiratory protection adequate ventilation.

Acute Health Hazard - This product is caustic and exposure can result in skin damage. Use proper hand, skin and eye protection.

GHS classification definitions:

Note: Under GHS the higher the number the greater and more immediate the health hazard is. The lower the number the lower the hazard is.

The classification approach taken in the GHS (i.e., assigning higher category numbers to denote less serious hazards) is consistent with the approach used in the DOT transport regulations for many years.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrome Oxide Green</td>
<td>1308-38-9</td>
<td>&gt;1%</td>
</tr>
<tr>
<td>Cobalt Compound</td>
<td>1345-16-0</td>
<td>&gt;0.1%</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>14808-60-7</td>
<td>&gt;0.1%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

**Inhalation:** Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if coughing and breathing difficulties persist, seek medical attention. Portland Cement may contain free crystalline silica. Prolonged exposure to airborne free crystalline silica may cause delayed lung injury including silicosis.

**Skin Contact:** Wash with clean water and pH neutral soap and cool water. Do not attempt to neutralize pH with chemical agents. Seek medical attention if symptoms persist or worsen.

**Eye Contact:** Do not rub eyes. Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

**Ingestion:** Drink large amounts of fresh water or milk. Do not induce vomiting. Do not give any water, by mouth, to an unconscious person. Seek medical attention if symptoms persist or worsen.

5. FIRE FIGHTING MEASURES

**Flammability:** Non-flammable

**Flash Point:** Non-combustible

**Flash Point Method:** N/A

**Burning Rate:** N/A

**Autoignition Temp:** N/A

**LEL:** N/A

**UEL:** N/A

Suitable extinguishing media: Dry chemical water spray, CO2 or foam; water fog - not directed water stream

Hazards during fire-fighting: Not combustible

Protective equipment for fire-fighting: Normal appropriate equipment/gear

6. ACCIDENTAL RELEASE MEASURES


Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and /or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Not hazardous waste.

7. HANDLING AND STORAGE

**Handling Precautions:** Wash thoroughly after handling.

**Storage Requirements:**

- **Handling:** General advice - Keep dry, store at room temperature in unopened, original container, or tightly sealed, labeled container. Protect from physical damage. Store away from food and drink.
- **Shelf Life:** 2 years

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Advice on system design:

- Use adequate general or local exhaust ventilation to minimize exposure.

**Personal Protective Equip:** HMIS PP, E | Safety Glasses, Gloves, Dust Respirator
Personal protective equipment:
Eye protection: If working in confined area where mist is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

Skin protection: Gloves; optional - coveralls or apron to reduce skin contact

Respiratory protection: Avoid breathing vapor or mist. Respiratory protection programs must comply with OSHA CFR 29 1910.134

General safety and hygiene measures. Wear gloves; wash thoroughly with soap and water after handling.

Advice on system design:
Use adequate general or local exhaust ventilation to minimize exposure

Personal protective equipment (HMIS rating ‘F’):
Eye protection: If working in confined area where mist is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

Skin protection: Gloves; optional - coveralls or apron to reduce skin contact.

Respiratory protection: Avoid breathing vapor or mist. Respiratory protection programs must comply with OSHA CFR 29 1910.134.

General Safety: Wear gloves; wash thoroughly with soap and water after handling.

Exposure Guidelines: *
ACGIH TLV: 10mg/m³ ACGIH TLV 0.025mg/m³ respirable fraction quartz

STEL: N/A
OSHA PEL: *Total dust = 15 mg/m³ TWA, Respirable = 5 mg/m³ TWA; ACGIH TLV 0.025mg/m³ respirable fraction quartz
Cobalt metal, dust and fumes as (CO): OSHA PEL 0.1 mg/m³ ACGIH TLV 0.02 mg/m³
Chromium (III) Oxide: OSHA PEL 0.5 mg/m³; ACGIH TLV 0.5 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Course grain dry solid powder. Color varies.
Physical State: Solid
Spec Grav./Density: 1.5-2.5
Viscosity: Not applicable
Boiling Point: Not applicable
Flammability: Not flammable
pH: 12 to 13 in water
Evap. Rate: Not applicable

Odor: Earthy odor
Solubility: Slightly solubility
Softening Point: Not applicable
Freezing/Melting Pt: Not applicable
Flash Point: Not applicable
Vapor Density: Not applicable
VOC: Not applicable
Auto-Ignition Temp: Not applicable
UFL/LFL: Not applicable

10. STABILITY AND REACTIVITY

Stability: Non-reactive
Conditions to Avoid: Avoid contact with water.
Materials to Avoid: Strong acids; ammonium salt and phosphorous.
Hazardous Decomposition: Adding water creates a caustic solution.
Hazardous Polymerization: None
11. TOXICOLOGICAL INFORMATION

This product has had no toxicology testing.
Harmful if ingested.

Eye Effects: May cause eye irritation and burns. Reacts with moisture in the eye and may become caustic.
Skin Effects: May cause skin irritation and burns if wet. May react with moisture on skin and become caustic.
Acute Inhalation Effect: May cause acute respiratory irritation.
Chronic Effects: Contains low levels of crystalline silica connected with silicosis and chronic respiratory disease with chronic excessive exposure. Handle with proper respiratory protection.
Carcinogenicity: One or more components may cause cancer.
Mutagenicity: Not known.
Teratogenicity: Not known.

IARC:
Some studies indicate potential for lung cancer or lung injury including silicosis.

OSHA:
Crystalline silica (quartz) is not regulated as a human carcinogenic but as a toxic and hazardous substance by OSHA.

12. ECOLOGICAL INFORMATION

Ecological testing has not been performed on this product.
Dispose of contents and container properly.
Prevent contact with waterways and storm drains.

Acute and prolonged toxicity to fish: Unspecified
Toxicity to microorganisms: Unspecified

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances.
Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and dispose of in accordance with regulations.

Container disposal:
Dispose of at an approved landfill in accordance with local, state, federal and national regulations

14. TRANSPORT INFORMATION

UN#: Not classified

Land Transportation:
Not regulated

Sea Transportation:
IMDG: Not regulated

Air Transportation:
IATA/ICAO: Not regulated
15. REGULATORY INFORMATION

Regulatory Information:

OSHA hazard category: Crystalline silica (quartz) is not regulated as a human carcinogenic but as a toxic and hazardous substance.

RCRA This mixture and or its contents are not a hazardous waate if disposal is required.
CERCLA Components of this mixture are not CERCLA hazardous substances.
CONEG This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury and Hexavalent Chromium of less than 100 PPM by weight.
RoHS Product does not contain RoHS restricted substances
ODC This mixture does not contain any Ozone Depleting Compounds
TOX This mixture does not contain any Organic Halogens (EPA 9020) CAA of 1990
CERCLA Components of this mixture are not CERCLA hazardous substances.
SARA (302) This mixture does not contain any constituents that are identified as extremely hazardous.SARA (302)
SARA (311/312) Portland cement qualifies as a hazardous substance with delayed health effects. Portland cement may contain crystalline silica which is classified by the IARC as a known carcinogenic. Some studies indicate potential for lung cancer or lung injury including silicosis. Reportable in quantities over 10,000 lbs.
CA Prop 65 This product contains a chemical(s) known to the state of California to cause cancer and/or birth defects or other reproductive harm. Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, we are required to provide the above warning in the absence of definitive testing showing that risks from long-term exposure to chemicals present in our formulations do not exist. To the best of our knowledge, this product complies with all Federal and State laws and regulations governing its manufacturing, distribution and intended use.

16. OTHER INFORMATION

This information on this SDS is provided in good faith of interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national, and international regulations as apply.