

Bon[®]

SAFETY DATA SHEET

#32-102 TRUE COLOR STAMPING RELEASE AGENT - SMOKEY BLUE

1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

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Product Name: True Color Concrete Stamping Release Agent - Smokey Blue
Revision Date: 9/17/14
Version: 1.0
Common Name: Metal Oxide
CAS Number: Mixture
RCRA Number: None
Chemical Family: Metal Oxide Pigment
Synonyms: Pigment
Product Use: Concrete pigment / concrete additive.

2. HAZARDS IDENTIFICATION

Route of Entry: Eyes, skin
Target Organs: Skin; Eyes;
Inhalation: Prolonged repeat contact may cause mild irritation.
Skin Contact: Prolonged repeated contact may cause mild irritation
Eye Contact: Prolonged repeated contact may cause mild irritation.
Ingestion: No harmful effects are known to occur.

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:
H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.

P284 - Wear respiratory protection.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Note that GHS hazard categories go from low hazard substances with higher numbers to lower numbers which are more hazardous substances.

Note:

Product may contain small traces of silica below 1%.

Use respiratory protection and hazard controls. Use particulate protection.

Gloves and/or skin protection is recommended.

Safety glasses or eye protection recommended.

Repeat prolonged exposure above the PEL may cause skin, eye and respiratory irritation.

May aggravate upper respiratory tract conditions with out respiratory protection.

Silica in airborne respirable particulate is known to cause silicosis and lung cancer.

Use respiratory protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Component	CAS	Percent
Calcium Carbonate	1317-65-3	Proprietary amount %
Non - hazardous metal Oxide	Proprietary	Proprietary amount %
Green Chrome Oxide	1308-38-9	1.5%

4. FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Promptly flush skin with water until all chemical is removed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

Ingestion: Not considered dangerous.

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

6. ACCIDENTAL RELEASE MEASURES

Do not discharge into drains.

Do not dump in drains or storm water.

Pick up excess liquid with inert absorbent material and place into separate waste container.

Sweep up, place in bag and hold for waste disposal.

Watch out for slippery conditions when spillage.

Dispose of waste properly.

Not hazardous waste.

This product is not environmentally hazardous. It will however, cause, discoloration of soil and storm water. Avoid soil and water contamination.

7. HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling.
Gloves optional but recommended for prolonged direct skin contact.

Storage Requirements: Do not store in temperatures over 130 degrees F.
2 year shelf life.
Keep dry.
Store in original container or closed sealed containers after opening.
Relable all transfer containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use with ventilation or outdoors.

Personal Protective Equip: Eye protection: If working in confined area where dust 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 and keep personal clothing free of dust.
Respiratory protection: Use NIOSH respiratory protection, air purifying respirator or dust mask with particulate filtration in accordance with OSHA CFR 29 1910.134 with protection factor as necessary to reduce exposure levels below the PEL.
General safety and hygiene measures: Wash thoroughly with soap and water after handling.

Exposure Limits according to:

US OSHA (TWA_s)/PEL): CaCO₃: 15mg/M³ total dust; 5 mg/M³ Respirable dust TWA

Green Chrome Oxide: 0.5 mg/M³ TWA.

ACGIH (TWA/TLV): 10mg/M³.

Green Chrome Oxide: 0.5 mg/M³ TWA.

Respiratory Protection: Use respiratory protection, NIOSH approved particulate respirator or dust mask depending on exposure level.

Ventilation: Ventilation recommended, not required.

Protective Gloves: Gloves recommended, but optional.

Eye Protection: Safety glasses recommended for dusty conditions.

Other Protective Equipment:
Not required.

TWA= Time weighted average.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to red fine granular solid.
Physical State: solid
Odor Threshold: Odorless.
Spec Grav./Density: >1
Viscosity: Not applicable
Sat. Vap. Conc.: Not applicable
Boiling Point: 212F
Flammability: Not flammable
Partition Coefficient: Unknown.
Vapor Pressure: Not applicable.
pH: 5 - 8 pH in water (product is solid)
Evap. Rate: <1
Decomp Temp: Not applicable

Odor: Odorless.
Solubility: Very slight solubility.
Softening Point: Not applicable
Percent Volatile: Not applicable
Freezing/Melting Pt.: Not applicable.
Flash Point: NA
Vapor Density: Not applicable
VOC: Not applicable.
Bulk Density: 15.5 - 16.5 weight per gallon.
Auto-Ignition Temp: Not applicable
UFL/LFL: Not applicable.

10. STABILITY AND REACTIVITY

Stability: Stable and non - reactive.
Conditions to Avoid: Keep dry
Materials to Avoid: Not reactive.
Hazardous Decomposition: None
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: May be irritating.
Skin Effects: May be irritating.
Acute Inhalation Effects: None.
Chronic Effects: None.
Carcinogenicity: Not known to be carcinogenic.
Mutagenicity: Not known to be mutagenic.
Teratogenicity: Not known to be teratogenic.

Acute Oral Effects:

No toxicological testing has been conducted, since no toxicological effects are expected. May cause slight irritation but is not expected to produce adverse effects. Not intended for ingestion.

12. ECOLOGICAL INFORMATION

Ecological testing has not been performed on this product.
Dispose of contents and container properly.
Do not dump.
Contents may cause discoloration in soil and water.

13. DISPOSAL CONSIDERATIONS

Dispose of contents properly.
Dispose of as dry solid waste.
Dispose of packaging properly.
Recycle packaging.
RCRA: not listed.

14. TRANSPORT INFORMATION

UN #: Not classified

US DOT: Not Classified

UN Shipping Class: Not Classified

UN Packing Group: Not Classified

15. REGULATORY INFORMATION

International Inventories and U.S. Regulations :

All components of this product are listed on or are exempt from the following inventories:

RCRA This mixture and or its contents are not a hazardous waste 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. (Trivalent Chromium Oxide is not Hexavalent Chromium.)

HAP Chromium is designated as a hazardous air pollutant under Section 112 of the CAA.

ODC This mixture does not contain any Ozone Depleting Compounds.

TOX This mixture does not contain any Organic Halogens (EPA 9020)

CWA (40 CFR 116) This mixture does not contain a Clean Water Act listed priority pollutant.

CLEAN AIR ACT (CAA): Chromium is designated as a hazardous air pollutant under Section 112 of the CAA.

This mixture is not made with nor does it contain any Class 1 or Class

2 ozone depleting substances as defined under the 1990 amendments to the act.

SARA (302)

This mixture does not contain any constituents that are identified as extremely hazardous.

SARA (311/312) Chromic Oxide is classified as:

Immediate Health Hazard

Delayed Health Hazard

SARA (313)

Chromic oxide is subject to the reporting requirements of Section 313 of Title III of the Superfund

Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the broad class of chromium compounds.

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.

This product may contain small traces of silica below 1%.
Silica in airborne respirable particulate is known to cause silicosis and lung cancer.
Use respiratory protection.

16. OTHER INFORMATION

The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, Bon Tool Co. 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.