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Architectural Concrete Solutions

Bomanite Integral Color

Section 1 Product Description

Product Name: Bomanite Integral Color
Recommended Use: Concrete pigment / concrete additive
Supplier: The Bomanite Company * 8777 Auburn Folsom Rd. #108 * Granite Bay, CA 95746
(303) 369-1115 * www.bomanite.com
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard identification

Category 2 Skin Irritant

Category 2B Serious Eye Damage/Eye Irritant

Category 3 Specific Target Organ Acute Toxicity (respiratory system, central nervous system)



Signal Word

Warning

Hazard Statements

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

Precautionary statements

Prevention:

P233 Keep container tightly closed
P264 Wash skin thoroughly after handling
P281 Use personal protective equipment as required

Note: product may contain small traces of silica below 0.1%
Use respiratory protection and hazard controls. Use particulate protection.
Gloves and /or skin protection is recommended.
Safety glasses or eye protection recommended.

Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Synth Oxide	1309-37-1	Sec 8	Sec 8	Proprietary

Section 4 First Aid Measures

Emergency First Aid Procedures

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

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

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

Ingestion: Not considered dangerous.

Section 5 Firefighting Procedures

Suitable Extinguishing Media: Dry chemical water spray, form CO₂

Unsuitable Extinguishing Media: N/A

Flash Point (TCC): Non-combustible

Flammable Limits (% volume in air for solvents): LEL=N/A UEL=N/A

Special Fire Fighting Procedures: Exposure to excessive heat greater than 131 °F (55 °C) can cause this product to become unstable and slowly auto oxidize from Fe₃O₄ to Fe₂O₃, which generates additional heat. Under certain conditions the heat may be sufficient to cause combustible materials to ignite.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: Sweep up and place in waste container. Material can be handled as normal solid waste.

Section 7 Handling and Storage

Normal Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Material can be handled as normal solid waste

Section 8 Protection Information

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

Ventilation: Ventilation recommended.

Protective Gloves: Gloves recommended.

Eye Protection: Safety glasses recommended.

Other Protective Clothing or Equipment: Coveralls or apron to reduce skin contact and keep personal clothing free of dust.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

Section 9 Physical Data

Appearance: Various colors, fine granular solid

Odor: Odorless

Odor Threshold: Odorless

pH: 4-7 pH in water

Freezing/Melting Point: N/A

Boiling Point: 212° F

Flash Point: N/A

Evaporation Rate: <1

Specific Gravity: >1

Flammability (solid, gas): Not Flammable

Lower/Upper Flammability: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Bulk Density: 15.5 – 16.5 Weight per gallon

Solubility: very slight solubility

Partition Coefficient: N/A

Auto-ignition Temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Section 10 Reactivity Data

Reactivity: Stable

Conditions to avoid: Keep Dry.

Incompatibility (Materials to Avoid): Not reactive

Hazardous Decomposition (Byproducts): None.

Hazardous Polymerization: None.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, Ingestion, Eyes, and Skin.

Health Hazards:

Acute: N/A

Chronic: N/A

Skin Contact: May be irritating.

Eye Contact: May be irritating.

Ingestion: No harmful effects are known to occur.

Carcinogen: Not known to be carcinogenic.

Mutagenicity: Not known to be mutagenic.

Teratogenicity: Not known to be teratogenic.

Aggravation of Pre-existing Conditions: Excessive exposure to airborne dust will result in effect similar to that of nuisance type dust that its particulate may reduce visibility and/or cause unpleasant deposits in the eyes, ears and nose. Injury to the skin or mucous membranes can occur by direct mechanical action or by rigorous skin cleaning.

Section 12 Ecological Data

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.

Section 13 Disposal Information

Waste Disposal Method: Dispose of contents properly. Dispose of as dry solid waste. Dispose of packaging properly. Recycle packaging.

RCRA: not listed.

Section 14 Transport Information

UN: Not Classified

US DOT: Not Classified

UN Shipping Class: Not Classified

UN Packing Group: Not Classified

Section 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.

HAP This mixture does not contain any Hazardous Air Pollutants.

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.

CAA of 1990 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) Not reportable.

SARA (313) This mixture does not contain any substances identified under Section 313 as toxic chemicals in Excess of the de minimis concentrations necessary to be subject to this rule.

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.

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.