

NewLook International, Inc.
Cement Color - Charcoal 101



Safety Data Sheet

Issue Date 22-May-15

Revised 22-May-15

Section 1

Product and Company Identification:

Product Name:

Cement Color – Charcoal

Product Use:

Integral color for concrete

Manufacturer's Name:

NewLook International, Inc.

Manufacturer's Address:

1525 South Gladiola Street Suite 8 Salt Lake City, UT 84104

Information Phone:

NewLook International, Inc. 801.886.9495 or 877.763.9566

Emergency Contact:

CHEMTEL 1.800.255.3924, Outside the USA +1.813.248.0585

Section 2

Hazards Identification:

Product Hazard Category:

Acute Toxicity – Adverse health effects from exposure have not been reported. This product is non-irritating to the eyes and skin and essentially non-toxic if ingested. However, excessive exposure to dust may reduce visibility and/or cause small deposits in the eyes, ears and nose. Irritation to the skin or mucus membranes can occur by direct mechanical action or by rigorous skin cleansing for removal of excess pigment. (Category 3)

Skin Corrosion – Category 3

Eye Irritation – Category 2B

Label Content: Pictogram



Signal Word: WARNING

Hazard Statement:

May cause eye irritation

May cause skin irritation

May cause respiratory irritation

Precautionary Statement: Prevention

Wear Safety goggles to protect eyes.

Wear chemically resistant gloves and aprons to minimize contact with the skin.

When respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR1910.134.

Use only with adequate ventilation.

Do not take internally.

Keep out of the reach of children.

Wash hands thoroughly after handling, especially before eating or smoking.

Other Hazards: Dry, black powder with little or no odor. Will not burn or react. But may auto-oxidize if exposed to heat in excess of 176°F (80°C) causing additional heat, which may be sufficient to cause packaging to smolder or ignite. Long-term inhalation can cause lung irritation or siderosis. Packaging material can be burn or melt in fire, producing toxic smoke and fumes.

Section 3

Composition/ Information on Ingredients:

Chemical Name	CAS Number	Weight
Silicone Dioxide	7631-86-9	<1%
Iron Oxide	1317-61-9	75 – 99%
Calcium Carbonate CaCO ₃	1317-65-3	0 -25%

Section 4

First Aid Measures:

Precautionary Statements: Response

Inhalation: Move to fresh air. Give artificial respiration, if not breathing. If breathing is difficult, seek medical attention.

Ingestion: Swallowing less than an ounce (30 grams or less) will not cause harm. For large amount, do not induce vomiting, but drink one to two glasses of water and seek medical attention immediately.

Eye Exposure: Immediately flush eyes with large amount of water for at least 15 minutes, occasionally lifting upper and lower eyelids.

Skin Contact: Wash exposed area with water, then soap and water. Remove and clean contaminated clothing. If irritation persists, seek medical attention.

Section 5

Firefighting Measures:

Suitable Extinguishing Media: Use water fog, dry chemical, or CO²

Unsuitable Extinguishing Media: Not Known

Specific Hazards in Case of a Fire: Exposure to excessive heat greater than 176°F (80°C) can cause the Iron Oxide in this product to slow auto-oxidize, which generates additional heat. This heat may be sufficient to cause the container or combustible materials stored near by to ignite.

Special Protective Equipment and Procedures for Firefighters: Wear self-contained breathing apparatus with a full-face piece operated in positive pressure mode and full protective clothing.

Section 6

Accidental Release Measure:

Personal Precautions: Wear personal protective equipment, such as a respiratory mask.

Environmental Precautions: Vacuum or scoop material into a container that is marked of re-use or disposal. Avoid excessive generation of dust. For larger spills, Use a shovel to collect. Spill area can be washed with water. Collect any used water for approved disposal. Prevent run-off from entering storm drains and ditches that can lead to natural waterways.

Section 7

Handling and Storage:

Precautions for Safe Handling: Avoid excessive heat or flame sources, such as a furnace, boiler or kilns. Store in a cool, dry place with adequate ventilation 122°F (50°C). Keep containers closed when not in use. Avoid breathing in dust and contact with moisture.

Section 8

Exposure Control/ Personal Protection:

Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL
Silicone Dioxide	10mg/m ³	6 mg/m ³
Iron Oxide	Not Established	Not Established
Calcium Carbonate CaCO ₃	10mg/m ³	15 mg/m ³

Information on System Design: Maintain air levels below the recommended exposure limit using exhaust ventilation, if necessary.

Appropriate Engineering Controls:

Engineering Controls:

Eyewash Stations
Showers

Eye Protection: Wear safety goggles.

Skin Protection: Wear chemically resistant gloves and aprons to minimize contact with the skin.

Respiratory Protection: Use only with adequate ventilation. Avoid conditions, which result in formation of inhalable particles, such as spraying or sanding painted surfaces. If such conditions cannot be avoided, use respiratory protection only use NIOSH/MSHA approved respirators in accordance with OSHA standard 29 CFR1910.134.

General Hygiene Considerations: Wash hands thoroughly after handling, especially before eating or smoking.

Section 9

Physical & Chemical Properties:

Physical State: Dry Powder

Color: Charcoal

Odor: None

Odor Threshold: N/A

pH Value: 4 – 8 in 50 gr/l H₂O aqueous suspensions; DIN 787/9

Melting Point: Greater than 1832°F (1000°C)

Freezing Point: N/A

Initial Boiling Point: N/A

Flash Point: Will not Flash

Evaporation Rate: N/A

Flammability (solid, gas): Not Flammable

Explosion Limits: Lower Limits: N/A Upper Limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility: Insoluble

Auto Ignition Temperature: 176°F (80°C)

VOC: 0 g/l

Specific Gravity (kg/m³): 4.40 – 4.8 @ 68°F (20°C); DIN 787/10

Bulk Density: 600 – 800 @ 68°F (20°C)

Particle Size: 0.3 – 0.6

Chemical Formula: Fe₃O₄

Section 10

Stability & Reactivity:

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Flames and Excessive Heat

Materials to Avoid: Oxidizing agents or strong alkalis.

Hazardous Decomposition Products: None

Section 11

Toxicological Information:

Routes of Entry: Inhalation and Ingestion

Toxicity to Animals: Non-irritating

Chronic Effects on Humans: Not Established

Special Remarks on Toxicity: Unlikely to cause harmful effects under recommended conditions of handling and use.

Section 12

Ecological Information:

Eco-toxicity: Not Established

BODS and COD: Not Established

Products and Biodegradation: Not Established

Special Remarks on the Product of Biodegradation: Ingress to waterways may cause persistent, pigmented turbidity.

Section 13

Disposal Considerations:

Waste Disposal Method: material that cannot be re-use should be disposed in accordance with federal, state and local environmental control regulations at an authorized site. This product is non-hazardous. However, if used in hazardous material should be subject to RCRA hazardous waste disposal (400CFR 261.20-24)

Section 14

Transport Information:

DOT Proper Shipping Name: Integral Color

DOT Hazard Class ID Number: Non-hazardous, Not required, Class 55

Section 15

Regulatory Information:

U.S. Federal Regulations

OSHA: This product is considered Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200) due to potential to auto-oxidize (self-heat). See section 5.

CERCLA / SUPERFUND: (40 CFR 117,302) Reportable Quantity (RQ): Not reportable. However, we recommend you contact local authorities to verify requirements for your project work site.

Superfund Amendments and Reauthorization Act (SARA), Title III:

Section 302 (Extremely Hazardous Substances): None

Section 311/312 (Hazard Categories): Delayed Health Hazard

Section 313 (Reportable Toxic Ingredients):

Chemical Name: C.A.S. Concentration

None Reportable

T.S.C.A.: This product is listed on TSCA Inventory.

International Regulations

Canadian WHMIS: Not restricted/non-hazardous

Canadian Environmental Protection Act (CEPA): All components of this product are on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

EINECS: All components of this product are on the European Inventory of Existing Commercial Chemical Substances (EINECS).

State Regulations

California Proposition 65 Warning: This product contains "chemicals" known to the state of California to cause cancer and birth defects or other reproductive harm.

CA = California safe drinking water and toxic enforce Act (Proposition 65)

MA = Massachusetts Hazardous Substance List

NJ4 = New Jersey Other – included in 5 predominant ingredients > 1%

PA3 = Pennsylvania Non-Hazardous present at 3% of greater

CN1 = Canada WHMIS Ingredient Disclosure List over 1%

Chemical Name	CAS	Concentration	State Code
Black Iron Oxide	1317-61-9	60% - 98%	PA3, NJ4
Calcium Carbonate CaCO ₃	1317-65-3	0% - 40%	PA3, NJ4
Silicon Dioxide-Amorphous (SiO ₂)	7631-86-9	< 1%	PA3, NJ4
Copper	7440-50-8	< 800 ppm	MA
Maganese	7439-96-5	< 2000 ppm	MA
Arsenic	7440-38-2	< 50 ppm	CA, MA
Cadmium	7440-43-9	< 5 ppm	CA, MA
Mercury	7439-97-6	< 1 ppm	CA
Nickel	7440-02-0	< 400 ppm	CA, MA
Lead	7439-92-1	< 100 ppm	CA, MA

Note: This information is based on random sample analysis. Actual content may vary from batch to batch.

Section 16

Other Information:

The SDS should be read before product disposal. Pass SDS information to all persons who could be exposed to the product. The SDS has been prepared according to OSHA hazard Communication Standard (29 CFR 1901.1200). To the best of our knowledge, the information contained herein is accurate and based on sources believed to be reliable. However, since data, safety standards and government regulations are subject to change, NewLook International, Inc. makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material, if used in combination with other materials. It is the end users responsibility to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution. NewLook International, Inc. assumes no legal responsibility for use or reliance upon this data.

HMIS: H=0, F=1, R=0, P=0 (0 = Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe)

ACGIH: American Conference of Government Industrial Hygienists

CAS: Chemical Abstracts Service Registry

MISHA: Mine Safety and Health Administration

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit (OSHA)

STEL: Short Term Exposure Limit (ACGIH)

TLV: Threshold Limit Value (ACGIH)

IARC: International Agency for Research on Cancer

HMIS: Hazardous material Identification System

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