Smith Paint Products

Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Color Floor Natural

Product Code: SCF-0110

Trade Name: SCF-110 Natural

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Product Use: Concentrated stain for cured concrete and may be applied over sealed surfaces (refer to application instructions).

Not recommended for: Non-porous substrates (i.e. metal, resins, fiberglass) when submerged in water or exposed to severe weather conditions.

Section 2 - Hazards Identification

GHS Ratings:

Carcinogen	2	Limited evidence of human or animal carcinogenicity

GHS Hazards

H351	Suspected of causing cancer.

GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P308+P313	If exposed or concerned: Get medical attention/advice.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Signal Word: Warning

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Inert		40.00% - 50.00%
Water Softened	7732-18-5	30.00% - 40.00%
Titanium Dioxide	1317-80-2	10.00% - 20.00%
2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE	25265-77-4	1.00% - 5.00%
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate	6846-50-0	1.00% - 5.00%
Yellow Iron Oxide	51274-00-1	1.00% - 5.00%
Carbon Black	1333-86-4	0.10% - 1.00%
Ethanol	64-17-5	0.00% - 0.10%

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physican if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: > 100 C (>212 F)

LEL: UEL:

Flammable Limits:

EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using non-sparking tools, mix the appropriate absorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated absorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas. Ventilate the contaminated area. Using non-sparking tools, mix the appropriate absorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings. Collect the saturated absorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Inert	Not Established	Not Established	Not Established
Water Softened 7732-18-5	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.	Not Established
Titanium Dioxide 1317-80-2	Not Established	Not Established	Not Established
2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE 25265-77-4	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	Not Established
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate 6846-50-0	No component of this product presents at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	No component of this product presents at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	Not Established
Yellow Iron Oxide 51274-00-1	Not Established	Not Established	Not Established
Carbon Black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable particulate matter)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
Ethanol 64-17-5	1000 ppm TWA; 1900 mg/m3 TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Explosive Limits: Not Determined	**Partition coefficient (n-octanol/water):** Not Determined
Autoignition temperature: 393°C	**Decomposition temperature:** Not Determined
Viscosity: 1100-1300 cP	**Grams VOC less water:** 36.91
Appearance: Liquid	**Odor:** Slight Amine
Vapor Pressure: N/A	**Odor threshold:** Not Determined
Vapor Density: 2.0	**pH:** 9.5 - 10.0
Specific Density: 1.12	**Melting point:** Not Determined
Freezing point: 0°C	**Solubility:** Not Determined
Boiling range: 100°C	**Flash point:** >212°F or >100°C
Evaporation rate: Not Determined	**Flammability:** Not Applicable
% Weight Solids 31.948	

Section 10 - Stability and Reactivity

Stability: STABLE

Incompatibilities / Conditions to avoid: Elevated temperatures. Contact with oxidizing agent / oxidizers.

No Data Available

Hazardous Decomposition: Can produce Carbon Monoxide and/or Carbon Dioxide.

No Data Available
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 149mg/L

Component Toxicity

7732-18-5	Water Softened Oral LD50: 90 mL/kg (Rat)
25265-77-4	2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE Oral LD50: 3,200 mg/kg (Rat) Inhalation LC50: 4 mg/L (Rat)
6846-50-0	2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate Oral LD50: 3,200 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 5 mg/L (Rat)
1333-86-4	Carbon Black Inhalation LC50: 5 mg/m3 (Rat)
64-17-5	Ethanol Inhalation LC50: 134 mg/L (Rat)

Primary routes of entry: Inhalation, Skin contact.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number	Description	% Weight	Carcinogen Rating
1333-86-4	Carbon Black	0.1% - 1.0%	Carbon Black : NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

Section 12 - Ecological Information

Component Ecotoxicity

Water Softened	Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE	LC50 96 h Pimephales promelas 30 mg/L EC50 72 h Pseudokirchneriella subcapitata 18.4 mg/L (IUCLID)
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate	LC50 96 h Pimephales promelas >1.55 mg/L (IUCLID) EC50 48 h Daphnia magna >1.46 mg/L (IUCLID)
Carbon Black	Toxicity EC50 Daphnia 1 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)
Ethanol	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L (EPA); LC50 96 h Pimephales promelas >100 mg/L (EPA); LC50 96 h Pimephales promelas 13400 - 15100 mg/L (EPA) LC50 48 h Daphnia magna 9268 - 14221 mg/L (IUCLID); EC50 48 h Daphnia magna 2 mg/L [Static] (EPA)

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) th r fire point according to ISO 2592:1973 is greater than 100°C

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
ADR/RID	Water Based Paint	Unregualted		Non Hazardous
DOT	Water Based Paint	Unregulated		Non Hazardous
IATA	Water Based Paint	Unregualted		Non Hazardous
IMDG	Water Based Paint	Unregulated		Non Hazardous

Section 15 - Regulatory Information

The state of California Safe Drinking Water and Toxic Enforcement Act of 1986 "Proposition 65" Warning, this product can expose you to chemicals which are known to the state of California to cause cancer. For more information go to www.p65warnings.ca.gov.

No Data Available

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

51274-00-1 Yellow Iron Oxide Carcinogen, Mutagen
1333-86-4 Carbon Black Carcinogen

R2K List

1333-86-4 Carbon Black

Country	Regulation	All Components Listed

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

Inert 40 - 50%

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 01/05/2016
Date Reviewed: 10/31/2022