SAFETY DATA SHEET

Issue Date 12-2-2014 **Revision Date 12/22/2015** **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name **Porcelain Touch Up - Almond**

Other Means of Identification

Product Code **438**

Recommended Use of the Chemical and Restrictions on Use

White

Details of the Supplier of the Safety Data Sheet

Supplier Address

SHEFFIELD BRONZE PAINT CORP.
17814 S. WATERLOO RD.
CLEVELAND, OHIO 44119

Emergency Telephone Number

Company Phone Number **216-481-8330**
Emergency Telephone 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids: Category 3
Acute Toxicity – Inhalation: Category 4
Serious Eye irritation: Category 2
Skin corrosion/irritation: Category 2
Germ Cell Mutagenicity: Category 1B
Carcinogenicity: Category 2
Specific target organ toxicity – single exposure: Category 3
Aspiration Toxicity: Category 1

Signal Word

DANGER

Symbols

Emergency Overview:

Physical State: Liquid
Color: Almond
Odor: Characteristic

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard Statements
H226: FLAMMABLE LIQUID AND VAPOR.
H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
H319: CAUSES SERIOUS EYE IRRITATION.
H332: HARMFUL IF INHALED.
H335: MAY CAUSE RESPIRATORY IRRITATION.

Precautionary Statements - Prevention
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response
P302 + P332 + P313: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
P362 + P364: Take off contaminated clothing and wash it before reuse.
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor if you feel unwell.
P305 + P351+ P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331: Do NOT induce vomiting.
P330: Rinse mouth.
P370 + P378: In case of fire: Use dry chemical, CO2, or Halon for extinction.
P308 + P313: If exposed or concerned: Get medical advice/attention.

Precautionary Statements – Storage
P403 + P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.

Precautionary Statements – Disposal
P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION

Chemical Name	CAS No	Weight - %
Titanium Dioxide	13463-67-7	27.5
Anti – Sag Agent Mixture	Mixture	1.7
Acrylic Resin	9010-88-2	11.53
Xylene	1330-20-7	37.78
AR 100 Solvent	64742-95-6	9.23
1,2,4 Trimethybenzene	95-63-6	2.32
Ethylbenzene	100-41-4	7.74
Additives		2.2

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact **IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses. Immediately flush eyes thoroughly with plenty of water for at least 15 minutes.

Skin Contact **IF ON SKIN**: Remove/Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs.

Inhalation **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

Ingestion **IF SWALLOWED:** Clean mouth with water. Do NOT induce vomiting or give anything by Mouth to an unconscious person. Call a physician or poison control center immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Most Important Symptoms and Effects, both acute and Delayed

Symptoms Direct contact with eyes and skin causes serious irritation. May cause irritation to the Mucous membranes and upper respiratory tract. Choking, coughing and headache may occur. May cause irritation to the digestive tract. May be fatal if swallowed and enters Airway.

Indication of any Immediate Medical Attention and Special Treatment Needed

5. FIRE- FIGHTING MEASURES

Note to Physicians Treat symptomatically.

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry Chemical CO2, Halon.

Unsuitable Extinguishing Media

Do not use water.

Specific Hazards Arising from the Chemical

Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst. Runoff to sewer may create fine or explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions. Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment.	For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.
Methods for Cleaning	Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard Any product, residue, disposable container or liner in full compliance with federal, State and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling & Storage

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Obtain special **i**nstructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Keep away from heat, sparks, flame and other sources of ignition. All equipment used when handling the product must be grounded.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.
Incompatible Materials	Strong oxidizing agents, sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA 10 mg/m3	TWA 15mg/m3	Data Not Available
Acrylic Resin 9010-88-2	Data Not Available	TWA 15 mg/m3(Total dust) TWA 5 mg/m3 Respirable	Data Not Available
Methyl methacrylate 80-62-6	TWA 50 ppm	TWA 100 ppm	Data Not Available
Ethyl acrylate 140-88-5	Data Not Available	Data Not Available	Data Not Available
Xylene 1330-20-7	TWA 100 ppm	TWA 435 mg/m3	Data Not Available
Ethylbenzene 100-41-4	TWA 20 ppm	TWA 100 ppm 435 mg/m3	TWA 435 mg/m3
Toluene 108-88-3	TWA 20 ppm	TWA 100 ppm	Data Not Available

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Avoid contact with eyes. Wear safety eyewear.
Skin and Body Protection Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Characteristic
Color	Almond	Odor Threshold	Not determined

Property	Values
pH	Not determined
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	231-282°F
Flash Point	48˚F
Evaporation Rate	(H20 = 1) >1
Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL = 7%
Lower Flammability Limits	LEL= 1%
Vapor Pressure	20˚C /68°F
Vapor Density	Not determined
Specific Gravity	3.4 - 4.3
Water Solubility	Insoluble
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Auto ignition Temperature	464℃ (867˚F)
Decomposition Temperature Kinematic	(20℃/ 68˚F)
Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties Oxidizing	Do not pressurize, cut weld, braze, solder, drill, grind or Expose containers to heat or sources of ignition. Containers may explode In heat of fire. Runoff to sewer may create fire or explosion hazard.

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children. Avoid all possible sources of ignition (spark or flame).

Incompatible Materials
Strong oxidizers, acids, peroxides, alkalies and halogenated hydrocarbons.

Hazardous Decomposition Products
In a fire: Carbon Monoxide, Carbon Dioxide and Hydrocarbons. Aldehydes, smoke and irritating vapours when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes serious eye irritation. **Skin Contact** Causes severe skin irritation.

Inhalation May be harmful if inhaled. **Ingestion** May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	>5,000 mg/kg, rat	>10,000 mg/kg, rabbit	>6.82 mg/l, rat
Acrylic Resin 9010-88-2	Data not available	Data not available	Data not available
Xylene 1330-20-7	>4,300 mg/kg, rat	>1,700 mg/kg, rabbit	>5,000 ppm, rat
Ethylbenzene 100-41-4	>3,500 mg/kg rat	>15,380 mg/kg, rabbit	>4,000 ppm, rat
Toluene 108-88-3	>5,580 mg/kg, rat	>12,125 mg/kg, rabbit	>7,585 ppm, rat
2-Propanol 67-63-0	4.7 g/kg, rat	12,800 mg/kg rabbit	Data not available
Amide L	2000 mg/kg rat	2,000 mg/kg rat	5 mg/l rat
Benzene,Dimethyl 1330-20-7	1,590 mg/kg ,mouse	Data not available	Data not available
Benzene Ethyl 100-41-4	3,500 mg/kg, rat	17,800 mg/kg rabbit	Data not available
Ethanol 64-17-5	3,450 mg/kg , mouse	Data not available	39 mg/l, rat 4 hrs.
Methanol 67-56-1	5,628 mg/kg, mouse	15,800 mg/kg rabbit	8.75 mg/l, rat 6 hrs.

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product contains carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Acute Toxicity Oral ATE:

12. ECOLOGICAL INFORMATION

Ecotoxicity

Material expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms
Titanium Dioxide	>100 mg/l (green algae)	>1,000 mg/l (fathead minnow)	>1,000 mg/l (Water flea)
Acrylic Resin	Data not available	Data not available	Data not available
Xylene	Data not available	Data not available	Data not available
2- Propanol	Data not available	>1400 mg/l, 96 hrs. (Bluegill)	Data not available
Benzene, Dimethyl	Data not available	7.7-11-9.59 mg/l, 96 hrs. (Bluegill)	Data not available
Benzene, Ethyl	Data not available	7.5 – 11 mg/l, 96 hrs. (Fathead minnow)	7.7 – 11.2 mg/l, 48 hrs. (Water flea)
Ethanol	Data not available	>100 mg/l, 96 hrs. (Fathead minnow)	>10000 mg/l, 48 hrs. (Water flea)
Methanol	Data not available	>100 mg/l, 96 hrs. (Fathead minnow)	>10000 mg/l, 48 hrs. (Water flea)

Persistence and Degradability
Not determined
Bioaccumulation
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special Circumstances.

DOT UN1263, Paint, 3, lll

IATA Not available.

IMDG Not available.

TDG Not available.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

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

Chemical Name	CAS No	Weight-%
Benzene, Dimethyl	1330-20-7	36.7
Benzene, Ethyl	100-41-4	27.7
Methanol	67-56-1	4.5
1,2,4-Trimethylbenzene	95-63-6	<5
Ethylbenzene	100-41-4	<1
Xylene	1330-20-7	<1

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Minnesota
Xylene	X	X	X	
Ethylbenzene	X	X	X	
2- Propanol	X	X	X	
Benzene, Dimethyl	X	X	X	X
Benzene, Ethyl	X	X	X	X
Ethanol	X	X	X	X
Methanol	X	X	X	X

California Prop 65: Warning! This product contains chemicals known to the State of California to cause cancer and reproductive toxicity.

Chemical Name	%	Cancer	Reproductive
Ethylbenzene 100-41-4	<1	Yes	No
Benzene	<0.01	Yes	Yes

16. OTHER INFORMATION

NFPA	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 3	Flammability 2	Physical Hazards 1	Personal Protection B

Issue Date December – 02-2014
Revision Date **December 22, 2015**
Revision Note **GHS update**

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet