



## SAFETY DATA SHEET

Issue Date 12-2-2014

Revision Date 12/15/2015

Version 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Name Chalkboard Water -Black

**Other Means of Identification**

SDS # 955

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use**

Chalkboard Paint

**Details of the Supplier of the Safety Data Sheet**

**Supplier Address**

SHEFFIELD BRONZE  
17814 S. WATERLOO ROAD  
CLEVELAND, OH 44119

**Emergency Telephone Number**

Company Phone Number 216-481-8330

Emergency Telephone 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquids: Category 3

Serious Eye irritation: Category 2A

Specific Target Organ Toxicity Single Exposure: Category 3

Specific Target Organ Toxicity Repeat Exposure: Category 1

Aspiration Hazard: Category 1

**Signal Word**

WARNING

**Symbols**



**Emergency Overview:**

**Physical State:** Liquid

Color: Black

Odor: Characteristic

**Hazard Statements**

H226: FLAMMABLE LIQUID AND VAPOUR.  
H319: CAUSES SERIOUS EYE IRRITATION  
H335: MAY CAUSE RESPIRATORY IRRITATION.  
H336: MAY CAUSE DROWSINESS OR DIZZINESS.

**Precautionary Statements – Prevention**

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.  
P243: Take precautionary measures against static discharge.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P264: Wash face, hands and any exposed skin thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.

**Precautionary Statements – Response**

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.  
P370 +P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
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.

**Precautionary Statements – Storage**

P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.

**Precautionary Statements – Disposal**

P501: Disposed of contents/container to approved waste disposal plant.

**3. COMPOSITION/INFORMATION**

Chemical Name	CAS No.	Weight - %
Water	7732-18-5	49.70
Aqueous Acrylic Copolymer Blend	Proprietary	17.05
Nepheline Syenite	37244-96-5	9.65
Pigment Black #11	12227-89-3	11.98
Inorganic Metal Oxide	Proprietary	4.37
Propylene Glycol	1569-01-3	3.41
Propanol, 2- Amino-2 Methyl	124-68-5	0.44
Additives		<5.00

#### 4. FIRST AID MEASURES

##### First Aid Measures

<b>Eye Contact</b>	<b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Check for and remove any Contact lenses. Immediately flush eyes thoroughly with plenty of water for at least 15 Minutes, lifting lower and upper eyelids. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	<b>IF ON SKIN:</b> Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Flush with lukewarm water for 15 minutes. Seek medical attention if ill effect or irritation develops.
<b>Inhalation</b>	<b>IF INHALED:</b> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor if you feel unwell.
<b>Ingestion</b>	<b>IF SWALLOWED:</b> Rinse mouth with lukewarm water. If a large quantity is swallowed, immediately administer lukewarm water (pint/1/2 litre) only if victim is completely conscious/alert and induce vomiting Do not induce vomiting. Risk of damage to lungs exceeds poisoning risk. If vomiting does occur, have victim lean forward to reduce risk of aspiration. If unconscious place in recovery position and seek medical advice. Get medical attention immediately.

##### Most Important Symptoms and Effects, both Acute and Delayed

<b>Symptoms</b>	High doses may cause CNS depression (fatigue, dizziness and possibly loss of concentration, with collapse, coma and death in cases of severe over-exposure). At high doses, causes irritation of the stomach.
<b>Hazards</b>	May cause severe eye irritation. Skin absorption hazard.
<b>Treatment</b>	Treat symptomatically. Treatment of over exposure should be directed at the control of symptoms and the clinical condition of the patient.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry Chemical CO<sub>2</sub>, water spray or alcohol-resistant foam. Do not use straight streams

##### Unsuitable Extinguishing Media

Do not use solid water stream – may spread fire. Cool containers with flooding quantities of water until well after fire is out.

##### 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 fire 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 Up** Soak up with inert absorbent material (e.g. sand, Silica gel, acid binder, universal binder, sawdust). Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. A vapor suppressing foam may be used to reduce vapors. Collect in plastic or metal containers for disposal. Dike large spills and place materials in salvage containers. Prevent entry to sewers and water courses. Clean contaminated floors and objects thoroughly while observing environmental regulations. Notify fire and environmental authorities.

## **7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions 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.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Manganese	TWA: 0.2 mg/m <sup>3</sup> (as Mn) 8hr	No data available	No data available
Graphite	TWA: 2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> synthetic dust	2.5 mg/m <sup>3</sup> respirable dust

**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
Appearance	Black liquid	Odor Threshold	Not determined
Color	Black		

### Property

PH  
Melting Point/Freezing Point  
Boiling Point/Boiling Range  
Flash Point  
Evaporation Rate  
Flammability (Solid, Gas)  
Upper Flammability Limits  
Lower Flammability Limits  
Vapor Pressure  
Vapor Density  
Specific Gravity  
Water Solubility  
Solubility in Other Solvents  
Partition Coefficient  
Auto ignition Temperature  
Decomposition Temperature  
Kinematic Viscosity  
Dynamic Viscosity  
Explosive Properties  
Oxidizing Properties  
VOC Contents

### Values

Not determined  
Not determined  
~212 °F  
Not determined  
Not determined  
n/a – liquid  
Not determined  
Not determined  
Not determined  
Heavier than air  
Not determined  
Soluble in water  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined  
Heated drums can explode  
1.16 lb /Gallon : 139 grams/litre  
**Weight**  
54.19%  
**Volume**  
67.65%  
**Weight per Gallon**  
10.32

## 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, sparks or open flame.

### Hazardous Decomposition Products

Will not occur. In fire: Carbon Monoxide and Carbon Dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Causes skin irritation.

**Inhalation** May cause cancer if inhaled

**Ingestion** No relevant data found.

#### Component Information

Chemical Name	Oral	Dermal LD 50	Inhalation LC50
Propylene Glycol	LD50: 3,449 mg/kg (rat)	LD50: 4,052 mg/kg (rabbit)	LC50>9.0 mg/l (rat) 6hrs.
Propanol, 2- Amino-2 Methyl	LD50: 2,900 mg/kg (rat)	LD50 >2,000 mg/kg (rabbit)	Data not available
Pigment Black #11	>5,000 mg/kg (rat)	Data not available	Data not available

### 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 may contain a carcinogen or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical Measures of Toxicity

Oral ATE mix:

## 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	Crustacea
Crystalline Silica Quartz 14808-60-7	Data not available	LC50 Rainbow Trout: >500 mg/l	Data not available	LC50: Daphnia Magna: >300 mg/l 48h
C.I. Pigment Black #11	Data not available	EC50>10000 mg/l (Daphnia Magna 48 hrs.	Data not available	Data not available

### 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 III

**IATA** Not available.

**IMDG** Not available.

**TDG** Not available

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL	NDSL	AICS	NZIOc	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Nepheline Syenite	Present	Present		Present	Present			Present	Present	Present	Present
Graphite	Present	Present				Present					
Quartz		Present				Present					
Propylene Glycol				Present	Present			Present	Present	Present	Present
1-Propoxy-2 Propanol	X	X		X	X		X	X	X	X	X
Pigment Black	Present	Present		Present	Present			Present	Present	Present	Present

**Legend:** *TSCA – United States Toxic Substances Control Act Section 8 (b) Inventory*  
*DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List*  
*NZIOc – New Zealand Inventory of Existing Chemical Substances*  
*INECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*  
*ENCS – Japan Existing and New Chemical Substances*  
*IECSC – China Inventory of Existing Chemical Substances*  
*KECL – Korean Existing and Evaluated Chemical Substances*  
*PICCS – Philippines Inventory of Chemicals and Chemical Substances*  
*AICS – Australian Inventory of Chemicals and Chemical Substances*

#### 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-%
Quartz	14808-60-7	<0.1
Graphite	7782-42-5	<0.1

**U.S. State Right-to Know Regulations:**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Minnesota	Rhode Island
Quartz 14808-60-7	X	X	X	X	
Graphite 7782-42-5	X	X	X	X	
Manganese 7439-96-5	X	X	X	X	

**California Proposition 65** - This product contains, or may contain, trace quantities of a substance known to the state of California to cause cancer and/or reproductive toxicity. Quartz (fine fraction).

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b>HMIS</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B

<b>Issue Date</b>	<b>December- 02-2014</b>
<b>Revision Date</b>	<b>December-17-2015</b>
<b>Revision Note</b>	<b>Revision</b>

**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  
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