

# SAFETY DATA SHEET



## Shurkote DB

As of date: March 4, 2016

### Section 1 Product Description

**Product Name:** Shurkote DB  
**Recommended Use:** Base Coat  
**Synonyms:** Cement plaster, foam coating, leveling plaster, Polymer modified mortar

**Manufacturer:** Ultrakote Products, dba Ultrakote  
327 S 27<sup>th</sup> Ave, Phoenix, AZ 85009, USA  
602-272-5830  
www.ultrakoteproducts.com

**General Phone Number:** 602-272-5830 (7am-4pm, AZ Std Time, M-F)  
**General Fax Number:** 602-272-6445

### Section 2 Hazards Identification

Classification of the chemical in accordance with paragraph (d) of 1910.1200;



**Signal Word:** Danger

**GHS Class:** Serious Eye Damage/Eye Irritation, Category 1,  
Skin Corrosion/Irritation, Category 2  
Skin Sensitizer/Allergic skin reaction, Category 1  
Carcinogen/May cause cancer if inhaled, Category 1A,  
Damage to organs through prolonged or repeated exposure if inhaled, STOT RE 1

**Hazard Statements:** H100s = General, H200s = Physical, H300s = Health, H400s = Environmental  
H315 Causes skin irritation.  
H317 may cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H350A May cause if inhaled.  
H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

**Precautionary Statements:** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood  
P260B - Do not breathe dust.  
P264.2 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink, or smoke when using this product  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352A1- IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P310A - Call a POISON CENTER or doctor/physician.  
P314 - Get medical advice/attention if you feel unwell.  
P321A - Specific Treatment, (see supplementary instructions on the label)  
P337+313 - If exposed or concerned: Get medical attention.  
P362+P364 - Take off contaminated clothing and wash before use.

P405 - Store locked up.

P501A - Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Ingredients(s) with unknown acute toxicity: None

Hazards not otherwise classified identified during the classification process: None

### Section 3 Composition Information and Ingredients

#### Mixture:

<u>Component Name</u>	<u>CAS #</u>	<u>WT %</u>	<u>Classification</u>
Portland Cement	65997-15-1	30 - 40%	STOT SE 3, H335: Eye Dam 1,H318 Skin Sens. 1, H317; Skin Irrit. 2 H315
Silica Sand	14808-60-7	35 - 50%,	Carc. 1A, H350A, STOT RE 1, H372A
Calcium Hydroxide	1305-62-0	1 - 3%	Not classified
Magnesium Hydroxide	1309-42-8	1 - 3%	Not classified

### Section 4 First-Aid Measures

#### Emergency and First Aid Procedures

**Inhalation:** Remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. In case of inhalation, consult a doctor immediately and show him packing or label.

**Eyes:** IF IN EYES: Rinse cautiously with water with the eyelids open for a sufficient length of time. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues, then get medical advice/attention immediately. Protect uninjured eye.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

#### Most important symptoms/effects, acute and delayed:

Eye Irritation  
Eye damages  
Skin Irritation  
Erythema

#### Indication of any immediate medical attention and special treatment needed:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### Section 5 Fire Fighting Measures

**Extinguishing Media:** Use carbon dioxide, or water spray when fighting fires involving this material.

**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Fire and/or Explosion Hazards:** Do not inhale explosion and combustion gases. Burning produces heavy smoke.

**Hazardous Combustion Products:** N.A.

**Explosive properties:** N.A.

**Oxidizing properties:** N.A.

#### Special protective equipment and precautions for fire-fighters:

Use suitable breathing apparatus.

Collected contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## Section 6 Accidental Release Measures

### Steps to Take in Case Material Is Released or Spilled:

Wear personal protection equipment. Wear breathing apparatus if exposed to vapors/dusts/aerosols. Provide adequate ventilation. Use appropriate respiratory protection. See protective measures under section 7 and 8. Ventilate the contaminated area.  
Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water.

## Section 7 Handling and Storage

### Handling:

Avoid contact with skin and eyes, Inhalation of vapors and mists. Exercise the greatest care when handling or opening the container. Use localized ventilation system. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

### Storage:

Keep dry. Keep container tightly closed & upright when not in use to prevent leakage.

### Storage Code:

N.A.

## Section 8 Exposure Controls / Personal Protection

List of components with OEL value

Component	OEL Type	Country	Ceiling	Long Term mg/m <sup>3</sup>	Long Term ppm	Short Term mg/m <sup>3</sup>	Short Term ppm	Behavior	Note
Silica Sand	ACGIH			0.25					A2-Suspected Human Carcinogen; lung cancer, pulmonary fibrosis
Portland cement	ACGIH			1.0					A4- Not classifiable as a Human Carcinogen; pulmonary function: respiratory symptoms: asthma; nasal symptoms
Calcium Hydroxide	ACGIH			15		5			
Magnesium Hydroxide	ACGIH			15		5			

### Control Parameters

#### Engineering Measures:

General room ventilation might be required to maintain operator comfort under normal conditions of use. Avoid generating airborne dust

#### Personal Protective Equipment (PPE):

##### Respiratory Protection:

No respiratory protection required under normal conditions of use.

##### Respirator Type(s):

Use NIOSH approved air purifying respirator with dust filter.

##### Eye Protection:

Wear close fitting safety glasses or goggles when handling this product.

##### Skin Protection:

Avoid skin contact by wearing clothing that provides comprehensive protection. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

##### Gloves:

PVC, neoprene, rubber, nitrile

## Section 9 Physical and Chemical Properties

### Appearance:

Solid, Gray Powder

### Odor:

Mild acrylic

### Odor Threshold:

None

### pH (Neutrality):

11.0 - 13.0 s.u.

Melting Point/Freezing Point:	N.A.
Boiling Range (lbp,50%,Dry Point):	N.A.
Flash Point (Test Method):	N.A.
Evaporation Rate (n-Butyl Acetate=1):	N.A.
Flammability Classification:	N.A.
Lower Flammable Limit in Air (% by vol):	N.A.
Upper Flammable Limit in Air (% by vol):	N.A.
Vapor Pressure (mm of Hg)@20 C:	N.A.
VAPOR DENSITY (Air=1):	N.A.
GRAVITY @ 68/68F / 20/20C:	
Specific Gravity (Water=1):	2.60 – 2.75 g.cm3
Pounds/Gallon:	N.A.
Water Solubility:	N.A.
Partition Coefficient (n-Octane/Water):	N.A.
Auto Ignition Temperature:	N.A.
Decomposition Temperature:	N.A.
Other Information	
Substance Groups relevant properties	N.A.
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.

## Section 10 Stability and Reactivity

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal storage conditions. Keep in dry storage.
Possibility of Hazardous Reaction:	No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	Stable under normal conditions.
Incompatible Materials:	None in particular
Hazardous Decomposition Products:	None

## Section 11 Toxicological Information

Toxicological Information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentrations of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological Information on the main components of the mixture:

Silica Sand	a) acute toxicity	LD50 (Oral): 500 mg/kg (Rat)
Calcium hydroxide	a) acute toxicity	LD50 (Oral): 3000 mg/kg (Rat)
Magnesium hydroxide	a) acute toxicity	LD50 (Oral): 500 mg/kg (Rat)

If not differently specified, the information required in the regulation and listed below must be considered NA.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitization
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT - single exposure
- l) STOT -repeated exposure
- J) aspiration hazard

Substance(s) listed on the IARC Monographs:

Silica Sand	Group 1
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Substance(s) listed as OSHA Carcinogen(s):  
 Silica Sand  
 Substance(s) listed as NIOSH Carcinogen(s):  
 Silica Sand  
 Substance(s) listed on the NTP report on Carcinogens:  
 Silica Sand

## Section 12 Ecological Information

**Overview:** Adopt good working practices, so that the product is not released into the environment.

### Ecotoxicity:

<u>QTY , Chemical Name</u>	<u>CAS Number</u>	<u>Eco Toxicity</u>
35-50%, Silica Sand	14808-60-7	LC 50 a) Aquatic acute toxicity carp >10000.00000 mg/L 72h
1-3 %, Calcium hydroxide	1305-62-0	LC 50 a) Aquatic acute toxicity Fish Cyprinus carpio =1070 mg/L 96h EPA

**Persistence and degradability:** The polymeric component is not expected to biodegrade.  
**Bioaccumulative potential:** No data  
**Mobility in soil:** No data  
**Other Adverse Effects:** No data

## Section 13 Disposal Considerations

**Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.  
**Waste Disposal Code(s):** Not Determined

## Section 14 Transport Information

UN number  
 ADR-UN number: N/A  
 DOT-UN number: N/A  
 IATA-UN number: N/A  
 IMDG-UN number: N/A  
 UN proper shipping name  
 ADR-Shipping Name: N/A  
 DOT Proper Shipping Name: N/A  
 IATA-Technical name: N/A  
 IMDG-Technical name: N/A  
 Transport hazard class(es)  
 ADR- Class: N/A  
 DOT Hazard Class: N/A  
 IATA- Class: N/A  
 IMDG-Class: N/A  
 Packing group  
 ADR Packing Group: N/A  
 DOT-Packing group: N/A  
 IATA-Packing group: N/A  
 IMDG-Packing group: N/A  
 Environmental hazards  
 Marine pollutant: No  
 Environmental Pollutant: N.A.  
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:  
 N.A.  
 Special Precautions  
 Department of Transportation (DOT):  
 DOT-Special Provision(s): N/A

DOT Label(s):	N/A
DOT Symbol:	N/A
DOT Cargo Aircraft:	N/A
DOT Passenger Aircraft:	N/A
DOT Bulk:	N/A
DOT Non-Bulk:	N/A
Road and Rail (ADR-RID):	
ADR-Label:	N/A
ADR Hazard identification number:	N/A
ADR Tunnel Restriction Code:	N/A
Air ( IATA) :	
IATA- Passenger Aircraft:	N/A
IATA- Cargo Aircraft :	N/A
IATA- Label:	N/A
IATA- Subrisk:	N/A
IATA- Erg:	N/A
IATA- Special Provisions:	N/A
Sea (IMDG):	
IMDG -Stowage Code:	N/A
IMDG -Stowage Note:	N/A
IMDG -Subrisk:	N/A
IMDG -Special Provisions:	N/A
IMDG -Page:	N/A
IMDG -Label:	N/A
IMDG -EMIS:	N/A
IMDG -MFAG:	N/A

## Section 15 Regulatory Information

### USA - Federal regulations

TSCA • Toxic Substances Control Act

TSCA Inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

Silica Sand	is listed in TSCA	Section 8b
Portland cement	is listed in TSCA	Section 8b
Calcium hydroxide	is listed in TSCA	Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substance listed

Section 304 –Hazardous substances: no substance listed

Section 313 – Toxic chemical list: no substance listed

CERCLA – Comprehensive Environmental Response, Compensations, and Liability Act

Substance(s) listed under CERCLA: no substance listed

CAA – Clean Air Act

CAA Substances listed: no substance listed

CWA – Clean Water Act

CWA Substances listed: no substance listed

### USA - state specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65

Silica Sand listed as carcinogen

Massachusetts right to know

Substance(s) listed under Massachusetts Right to Know;

Silica Sand  
Portland cement  
Calcium hydroxide

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to Know;

Silica Sand  
Portland cement  
Calcium hydroxide

New Jersey Right to know

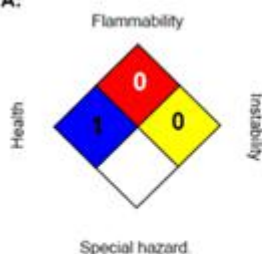
Substance(s) listed under New Jersey Right to Know;

Silica Sand  
Portland cement  
Calcium hydroxide

## Section 16 Other Information

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**NFPA:**



**HMIS III:**

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

HMIS Health: 2 = MODERATE  
HMIS Health - Is health hazard chronic?: Yes  
HMIS Flammability: 0 = Not Combustible  
HMIS Reactivity: 0 = MINIMAL  
HMIS P.P.E.: Safety glasses, gloves, dust respirators

NFPA Health: 2 = MODERATE  
NFPA Flammability: 0 = Not Combustible  
NFPA Reactivity: 0 = MINIMAL  
NFPA Special Risk: NONE

Code	Description
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Cause serious eye damage.
H335	May cause respiratory irritation.
H350A	May cause cancer if inhaled
H372A	Causes damage to organs through prolonged or repeated exposure if inhaled

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Texrite makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

### Glossary

ACGIH -American Conference of Governmental Industrial Hygienists      CAS -Chemical Abstract Service Number

CERCLA -Comprehensive Environmental Response,  
Compensation, and Liability Act  
DOT -U.S. Department of Transportation  
IARC -International Agency for Research on  
Cancer  
N/A -Not Available  
NTP -National Toxicology Program  
OSHA -Occupational Safety and Health  
Administration

PEL -Permissible Exposure Limit  
ppm -Parts per million  
RCRA -Resource Conservation and Recovery Act  
SARA -Superfund Amendments and  
Reauthorization  
TLV -Threshold Limit Value  
TSCA -Toxic Substances Control Act  
IDLH -Immediately dangerous to life and  
health

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End of Safety Data Sheet