



SAFETY DATA SHEET

REVISION: 08/26/2015

8400 Green Meadows Dr.
P.O. Box 545
Lewis Center, OH 43035

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CRYSTALITE® - DRESSING STICK

1. PRODUCT & COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

PRODUCT NAME: CRYSTALITE® - DRESSING STICK

**STOCK NUMBER: C5431010 – FINE
C5431030 - COARSE
C5431100 – KIT (BOTH GRADES)**

1.2 COMPANY INFORMATION

**ABRASIVE TECHNOLOGY, INC
8400 GREEN MEADOWS DR.
LEWIS CENTER, OHIO 43035**

TELEPHONE 740-548-4100 (8:00 am TO 5:00 pm EST)

FAX 740-548-7617

1.3 EMERGENCY PHONE NUMBERS

**NORTH AMERICA (24 HRS) CHEMTREC 800-424-9300
OUTSIDE NORTH AMERICA (COLLECT) 703-527-3887**

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Potential Health Effects:

Eye: Dust may cause slight irritation.

Skin: Dust from this product may cause temporary mechanical irritation.

Inhalation: Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Chronic Health Effects: May affect breathing capacity.

2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

LABEL ELEMENTS

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS

NO PICTOGRAM

SIGNAL WORD: NONE

HAZARD-DETERMINING COMPONENTS OF LABELING:

NONE

HAZARD STATEMENTS

NONE.

PRECAUTIONARY STATEMENTS

NONE.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS - NONE

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Components – NONE

<u>CHEMICAL</u>	<u>CAS#</u>	<u>EC. #</u>	<u>PCT</u>
SILICON CARBIDE	409-21-2	206-991-8	60 to 70%
AMORPHOUS SILICA (FUSED)	60676-86-0	262-373-8	30 to 40%

Composition is proprietary

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Move out of dangerous area.

Description of necessary measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eye lids with fingers. Get medical attention, if irritation or symptoms of overexposure persists.

Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Inhalation: If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.

Ingestion: Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

Indication of immediate medical attention and special treatment needed:

Note to Physicians: No information available .

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Always handle and store in a careful manner

Always visually inspect for flaws before using.

Always make sure work rest is properly adjusted.

7.2 Conditions for safe storage, including any incompatibilities

No special storage conditions required

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

8.1 Control parameters

Components with workplace control parameters

<u>Component</u>	<u>CAS-No.</u>	<u>Value</u>	<u>Control</u>	<u>Basis</u>
Silicon Carbide	409-21-2			
Guideline OSHA	PEL-TWA:	15 mg/m ³	Total particulate/dust (T)	PEL-TWA: 5mg/m ³ Respirable fraction (R)
Guideline ACGIH	TLV-TWA:	10 mg/m ³	Inhalation fraction (I)	TLV-TWA: 3 mg/m ³ Respirable fraction (R)
				TLV-TWA: 0.1 f/cc Respirable fraction (R)
Guideline Quebec Canada	VEMP-TWA:	10 mg/m ³	Particulate/dust (T)	
Ontario Canada	OEL-TWAEV	10 mg/m ³	Particulate dust(T)	OEL-TWAEV 3 mg/m ³ Respirable fraction (R)
				OEL-TWAEV 10 mg/m ³ Inhalable fraction (I)
				OEL-TWAEV 0.1 f/cc Respirable fraction (R)
Alberta Canada	OEL-TWA:	10 mg/m ³		
Mexico	LMPE-PPT:	10 mg/m ³		
	LMPE-CT:	20 mg/m ³		
British Columbia, Canada	OEL-TWA	10 mg/m ³	Inhalable Fraction (I)	OEL-TWA 3 mg/m ³ Respirable fraction (R)
				OEL-TWA 0.1 f/cc Respirable fraction (R)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Long sleeved shirt and long pants.

Respiratory Protection

When workers are facing airborne particulate /dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

Other Protection

Use of this product may create elevated sound levels. Hearing protection should be worn where needed.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices. Remove and wash contaminated clothing before re-use. Avoid getting dust in footwear and gloves.

Control of environmental exposure

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State Appearance :	Solid article .
Odor:	Odorless.
Flash Point:	No data available
Lower Flammable /Explosive Limit:	No data available
Upper Flammable /Explosive Limit:	No data available
Auto Ignition Temperature :	No data available

9.2 Other safety information No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Exposure to moisture
10.5 Incompatible materials	No data available
10.6 Hazardous decomposition products	
Other decomposition products -	No data available
<u>In the event of fire:</u>	see section 5

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity

This product has not been tested for its toxicity.

Carcinogens

Silicon carbide	ACGIH – No IARC – No	NIOSH – No NTP – No	OSHA – No Mexico – No
Amorphorous Silica, Fused	ACGIH – No data IARC – No data	NIOSH – Carcinogen NTP – No data	OSHA – No Data Mexico – No data

Silicon carbide

RTECS number: VW0450000
Inhalation: No data available

Amorphous Silica, fused

RTECS Number: VV7328000
Inhalation: **Inhalation** – Rat TCLo: 197 mg/m³/6H/26W (intermittent) [Lungs, Thorax, or Respiration – Changes in lung weight] (RTECS)

12. ECOLOGICAL INFORMATION

Persistence and degradability:

Biodegradation: No environmental information found for this product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product - Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

NOT A DANGEROUS
GOOD

IMDG

NOT A DANGEROUS
GOOD

IATA

NOT A DANGEROUS
GOOD

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

Silicon carbide:

TSCA Inventory Status: Listed

Massachusetts: Listed

Pennsylvania : Listed

Canada DSL: Listed

EC Number: 206-991-8

Amorphous Silica, Fused :

TSC A Inventory Status: Listed

EINEC S Number: 262-373-8

Massachusetts: Listed

Rhode Island: Listed

Canada DSL: Listed

Canada IDL: Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 0.1%.1404(1487)

EC Number: 262-373-8

16. OTHER INFORMATION

HMIS Rating

Health hazard: 1

Chronic Health Hazard: *

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 1

Fire Hazard: 0

Reactivity Hazard: 0

Further information

User is granted the ability to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Abrasive Technology, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

SDS PREPARATION INFORMATION

ABRASIVE TECHNOLOGY, INC.

DOUGLAS G. ANDERSON

DATE PREPARED: 07/01/2015

DATE REVISED: 08/26/2015

PURPOSE OF REVISION: INFORMATION UPDATE