



SAFETY DATA SHEET

REVISION: 08/26/2015

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

P: 740.548.4100
F: 740.548.7616

SPRAY DIAMOND (WATER BASED)

1. PRODUCT & COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

PRODUCT NAME: SPRAY DIAMOND (NON-FLAMMABLE)

STOCK NUMBER: C5412810, C5412830, C5412850, C5412870 & C5412890

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

H320-CAUSES EYE IRRITATION (EYE IRRITATION 2B)

2.2 GHS Label elements, including precautionary statements

LABEL ELEMENTS

Pictograms - None

Signal Word – WARNING

Hazard Statements – CAUSES EYE IRRITATION

2.2 GHS Label elements, including precautionary statements (CONTINUED)

Precautionary Statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wash thoroughly after handling.

If in eyes: Rinse carefully with water for 15 minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

If irritation persists, seek medical attention.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Components - None

Micron Sized Industrial Diamond	CAS# 7782-40-3	1–5% by WT
Water Distilled or Deionized	CAS# 7732-18-5	Remainder

Composition is proprietary

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

4. FIRST AID MEASURES (CONTINUED)

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Non-flammable

But in case of other fire, see below

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

Cerium oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. No other special measures needed.

6.2 Environmental precautions

None

6.3 Methods and materials for containment and cleaning up

Clean up water. No other special measures needed.

6.4 Reference to other sections

Rinse residue down drain and clean up with water.
No other special measures needed.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautions needed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use.

7.3 Specific end use(s)

Use per instruction. No other special measures needed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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 to protect hands from water and abrasiveness of micron diamond

Body Protection

No special body protection is needed. May wear an apron to keep clothes dry.

Respiratory protection

Respiratory protection is not required.

Control of environmental exposure

Not harmful to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: water
b) Odor	odorless
c) Odor Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	Melting point/freezing point: 0 °C (> 32 °F) - OECD Test Guideline 102
f) Initial boiling point and Boiling range	100 °C (212 °F) - OECD Test Guideline 103
g) Flash point	not applicable
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapor pressure	no data available
l) Vapor density	no data available
m) Relative density	Not determined
n) Water solubility	
o) Partition coefficient: N-octanol/water	no data available
p) Auto-ignition temperature	> 400 °C (> 752 °F)
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information **no data available**

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - no data available

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity:

No data available

Skin corrosion/irritation

Skin - rabbit

Result: No skin irritation - 4 h

Serious eye damage/eye irritation

Liquid: No irritating effect

Result: Mild eye irritation from micron abrasive

Respiratory or skin sensitization

Maximization Test - guinea pig

Result: Did not cause sensitization on laboratory animals.

Carcinogenic Categories

IARC (International Agency for Research on Cancer)

No ingredients listed

NTP (National Toxicology Program)

No ingredients listed

OSHA-Ca (Occupational Safety & Health Administration)

No ingredients listed

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish **no data available**

Persistence and degradability **no data available**

other aquatic invertebrates **no data available**

Toxicity to bacteria **no data available**

12.2 Persistence and degradability **no data available**

12.3 Bioaccumulative potential **no data available**

12.4 Mobility in soil **no data available**

12.5 Results of PBT and vPvB assessment **PBT/vPvB assessment not available as
chemical safety assessment not
required/not conducted**

12.6 Other adverse effects **no data available**

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Rinse unused product into drain.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: Not a chronic health hazard

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: No components are subject to Pennsylvania RTK
Revision Date

New Jersey Right To Know Components: No components are subject to
Revision Date New Jersey RTK

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Rating

Health hazard: 0

Chronic Health Hazard: *

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 0

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: 08/25/2015

PURPOSE OF REVISION: Minor information update