

# SAFETY DATA SHEET

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Abrasive Honing Stones and Dressing Sticks  
Classification: None  
Supplier: Advanced Superabrasives Inc.  
Telephone: 828-689-3200 Fax: 828-689-9382  
E-mail: bj@asiwheels.com  
Contact: Brian Jones

## SECTION 2 – HAZARDOUS IDENTIFICATION

Emergency Overview: As a solid honing product as provided; the product presents no known hazards, however in applications of this product; precautions should be taken, as dust may irritate eyes.

GHS-US labeling  
Hazard pictograms (GHS-US)  
Signal word: Warning



## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS	CITATIONS
ALUMINUM OXIDE	1344-28-1	4, 8, 13, 16, 17
ALUMINUM	7429-90-5	4,5,8,10,11,12,13,14,15,17,18,21,22,23
BORON OXIDE	1303-86-2	2,4,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
CALCIUM OXIDE	1305-78-8	2, 4, 7, 10, 13, 16, 17
COPPER	7440-50-8	2,4,8,10,11,12,13,14,15,16,17,18,19,20,21,22,23
GLASS – FIBROUS / DUST	16997-17-3	4, 10, 13, 16, 17
FLUORIDES (AS F)	NONE	2, 4, 13, 16, 17
SILICON DIOXIDE	60676-86-0	2,4,9,10,11,12,13,14,15,16,17,18,20,21,22,23
SILICON CARBIDE	409-21-2	4, 13, 16, 17, 22
TIN	7440-31-5	2,4,10,11,12,13,15,16,17,18,21,22,23
ZINC	7440-66-6	8, 9, 10, 13, 18, 21, 22

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NFPA49 6=NFPA325M 7=DOT HMT 49CFR172.101 8=EPA 9=RTECS  
10=MA RTK 11=AK RTK 12=CA RTK 13=FL RTK 14=IL RTK 15=ME RTK 16=MW RTK 17=NH RTK 18=NJ RTK  
19=CINCINNATI, OH RTK 20=NORWOOD, OH RTK 21=PA RTK  
22= RI RTK 23=WV RTK

#### **SECTION 4 – FIRST AID MEASURES**

INHALATION: Remove to fresh air; if not breathing, begin mouth to mouth resuscitation. Seek medical attention.

EYE CONTACT: Remove contact lenses (if wearing) and flush eyes with water to remove particulates. Seek medical attention to check for possible irritation.

SKIN CONTACT: Brush off excess dust. Wash hands with mild non-abrasive soap and water.

INGESTION: Seek medical attention

#### **SECTION 5 – FIREFIGHTING MEASURES**

HAZARD RATING

4 = EXTREME

3 = HIGH

2 = MODERATE

1 = SLIGHT

0 = INSIGNIFICANT

NFPA DESIGNATION 704

HEALTH 1

FIRE 0

REACTIVITY 0

SPECIFIC HAZARD – NONE

#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Sweep up; avoid breathing dust.

#### **SECTION 7 – HANDLING AND STORAGE**

No special procedures required

#### **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATORY PROTECTION: If conditions of use (dry honing, cutting, grinding, welding, brazing or soldering of stone) give rise to dust, use NIOSH approved respirator rated for metal dust to maintain levels of dust below ACGIH and OSHA TLV/PEL levels.

VENTILATION: If conditions of use (dry honing, cutting, grinding, welding, brazing or soldering of stone) give rise to metal fumes, use forced ventilation to maintain levels of fumes below ACGIH and OSHA TLV/PEL levels.

SKIN PROTECTION: Not required.

EYE PROTECTION: Always wear approved safety glasses when honing or operating machinery.

See OSHA 29 CFR 1910.133.

OTHER EQUIPMENT: No applicable information found.

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL: None. Vacuum or wipe up dust.

#### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND COLOR – Solid Object

SPECIFIC GRAVITY (WATER=1) – 5 (approx.)

MELTING POINT – Above 728 F (387 C)

PERCENT VOLATILE BY WEIGHT – Not Volatile

VAPOR PRESSURE (mm Hg) – Not Volatile

VAPOR DENSITY (AIR=1) – Not Volatile

EVAPORATION RATE – Not Volatile

#### **SECTION 10 – STABILITY AND REACTIVITY**

STABILITY – Material is stable under normal conditions of transport and storage.

POLYMERIZATION – Hazardous polymerization will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID) – Acids of all types with pH less than 4.0, bases or strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS – Metal fumes if heated. Oxides of nitrogen as oxidation products of cement.

SOLUBILITY IN WATER – Not Soluble

REACTIVITY IN WATER – Stone holder will slowly corrode

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

Overexposure to dust may result in irritation of the nose, throat or eyes.

## **SECTION 12 – ECOLOGICAL INFORMATION**

ECOTOXICITY - No additional information available

PERSISTENCE AND DEGRADABILITY– No additional information available

BIOACCUMULATIVE POTENTIAL – No additional information available

MOBILITY IN SOIL – No additional information available

OTHER ADVERSE EFFECTS – No additional information available

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Used honing stones are classified by the EPA as “scrap metal” and are not subject to regulation under 40 CFR PARTS 262-266 or PART 270 or PART 124 and are not subject to the notification requirements of SECTION 3010 of RCRA. Dispose of in accordance with applicable federal, state and local laws, regulations, rules, orders and ordinances. REF. 40 CFR 261.6 (a) (3) (IV).

## **SECTION 14 – TRANSPORT INFORMATION**

UN-No.: Not applicable

UN proper shipping name: Not applicable

Transport hazard class (es): Non-hazardous

Environmental hazard(s): Non-hazardous

Special precaution(s) for user: Non-hazardous

## **SECTION 15 – REGULATORY INFORMATION**

US Federal regulations under the Global Harmonized System (GHS) and the Occupational Safety and Health Administration’s Hazard Communication, these products are not considered hazardous.

## **SECTION 16 – OTHER INFORMATION**

This SDS is offered solely to comply with the rule and is not intended to create any liability of any kind on the part of Advanced Superabrasives Inc. In no event will Advanced Superabrasives Inc be responsible for any death, injury or damage of any nature whatsoever resulting from the use of, reliance upon or misuse of the SDS. No representations or warranties, whether expressed or implied, or merchantability, fitness for a particular purpose or any other nature, are made hereunder. This SDS is not intended as a recommendation for uses, which infringe valid patents or extend licenses under valid patents.

This SDS is furnished upon the express condition that all persons receiving it will make their own determinations as to its suitability for their purposes prior to use. Responsibility for compliance with applicable federal, state and local regulations concerning determination of the SDS and sale and use of the material to which it refers rests solely upon the purchaser.

This SDS supersedes the MSDS dated the year 2000 revision October, 2013.