

ABRASIVES

11CW CUT-OFF WHEELS

CERTIFICATION

MATERIAL SAFETY DATA



FOR INSTALL SUPPORT

sales@allfasteners.com



FOR SPECIFICATION SUPPORT

certs@allfasteners.com



FOR CUSTOMER SUPPORT

888.859.6060



ABRASIVES LINE

11CW CUT-OFF WHEELS

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Trade Name: AF Abrasives Line
Product Code: 11CW...
Supplier: Allfasteners USA, LLC.

Revision Date: 04/2021
Supersedes: NEW

1.2 SUPPLIERS DETAILS

Company Name: Allfasteners USA LLC
480 Meadow Lane
Carlstadt, NJ 07072
United States

Telephone: 888.859.6060

Fax: 201.783.8840

Email: sales@allfasteners.com

1.3 EMERGENCY PHONE NUMBER

Emergency Telephone: 888.859.6060

SECTION 2: HAZARDOUS IDENTIFICATION

Chemical Name (Common Name)	CAS#	OSHA PEL	OSHA REG. Y/N	ACGIH TLV	OSHA Carcinogen (Y/N)	Max. %
Alumina (Aluminum Oxide)	1344.28.1	10mg/m ³	Y	10mg/m ³	N	80%
Iron Oxide (Iron Oxide)	1309.37.1	10mg/m ³	Y	5mg/m ³	N	.05%
ZrO ₂ (Zirconia Aluminum)	1314-23-4	10mg/m ³	Y	10mg/m ³	N	3%
Alumina (Ceramic Oxide)	1344.28.1	10mg/m ³	Y	10mg/m ³	N	10%
Sodium-Hexafluoro (Cryolite)	15096.52.3	***NAIF	Y	2.5mg/m ³	N	7%
Calcium Metasil (Wollastonite)	13983.17.0	***NAIF	Y	***NAIF	N	3%
Prepreg Fiber (Fiberglass)	***NAIF	***NAIF	Y	10mg/m ³	N	5%

**N/A = Not Applicable

***NAIF = No applicable information found

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SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS**Boiling Point:** **N/A**Vapor Pressure (mm Hg.):** **N/A**Vapor Density (AIR=1):** **N/A**Solubility in Water:** Slight**Specific Gravity (H₂O=1):** 2.0**Melting Point:** 900°F**Evaporation Rate (Butyl Acetate=1):** **N/A**Appearance and Odor:** Dark brown to black color slight**SECTION 4: FIRE & EXPLOSION HAZARD DATA****Flash Point (method used):** **N/A**Flammable Limits: LEL:** **N/A**UEL:** **N/A**Extinguishing Media:** Water spray, CO₂**Special Fire Fighting Procedures:** Fire fighters should wear self contained breathing apparatus to avoid inhalation of smoke or vapors.**Unusual Fire and Explosion Hazards:** **N/A**SECTION 5: REACTIVITY DATA****Stability:** Stable**Conditions to avoid:** None**Incompatibility (Materials to Avoid):** **N/A**Hazardous Decomposition or Byproducts:** In use dust and decomposition odors are created, material removed from workpiece will be greater.**Hazardous Polymerization:** Will not occur**Conditions to avoid:** None

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SECTION 6: HEALTH HAZARD DATA

Primary Route(s) of Entry	Acute and Chronic Health Effects and Effects of Overexposure	First Aid and Medical Information
Inhalation (during grinding)	Acute: Possible cough. Chronic: May effect breathing capacity.	Remove to fresh air, artificial respiration as needed; Obtain medical assistance.
Ingestion (during grinding)	No known adverse affects, but ingestion not recommended.	Obtain medical assistance.
Skin (during grinding) (contact & absorption)	Some may experience skin irritation from dust.	Wash affected areas with soap and water; obtain medical assistance.
Eye (during grinding)	Dust may irritate eyes.	Wash with large amounts of water; obtain first aid and medical assistance, if needed.
Other Potential Health Risks (during grinding)	Grinding may create elevated sound levels which may affect hearing and may aggravate pre-existing respiratory conditions.	Obtain medical assistance; there is limited information that Chrystalline Silica is a carcinogen.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be taken in handling and storage:

Handle carefully: Wheels shall not be stored subject to water or solvents.

Other Precautions: Comply with ANSI B7.1 Safety, Use, Care of Abrasive Wheels; Comply with RPM rating on each product.

Steps to be taken in case material is released or spilled: Grinding and cut off wheels if dropped or damaged can cause serious bodily injury.

Avoid usage if product has been dropped or damaged. Normal clean up procedures.

Waste disposal method: Standard landfill or incineration in accordance with local, state and federal regulations.

SECTION 8: CONTROL MEASURES

Respiratory protection (specify type): MSHA - NIOSH approved respirators - See OSHA 29CFR1910.134

Ventilation: Yes Local

Exhaust: See OSHA 29CFR1910.94 & 1000

Mechanical (General): Wheel Guards

Special: Avoid contact with sparks

Other: Do not wear contact lenses

Protective gloves: As desired by user

Eye protection: Recommended - See OSHA 29 CFR 1910.133

Other protective clothing or equipment: Safety shoes, fireproof clothing, head and ear protection.

Work/Hygienic Practices: Keep dust washed off skin, wear clean clothing.

**N/A = Not Applicable

***NAIF = No applicable information found