

MATERIAL SAFETY DATA SHEET

70-9108 & 70-9110 Sand Etch Abrasive Grit

1.0 Chemical Product and Company Identification

Product Name: Blastite BT, Niagara Blast, Duratred, Ultra L1,
Duralum Products: Polishing Grains & Powders, Buffing Powders, Microgrits, GW, LT/LTR, Redkote, Silkote, HRG, GW/HBD, GW/LBD, LBD, HC, XA, RF, RF DCF, LT P&C, XA K5RL 700 & F, K5 WT, K5 X, K5 RF DCF, 240 Taber

Chemical Name: BROWN ALUMINUM OXIDE

Company Name: Armour Products
176-180 Fifth Ave
Hawthorne, NJ 07506 USA

Office Phone (973-427-8787
FOR CHEMICAL EMERGENCY CALL CHEMTREC
(24 HOURS)
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)
1-703-527-3887 (Outside Above Area)

2.0 Composition/Information on Ingredients

Component	CAS No.	OSHA Exposure Limits (PEL)	ACGIH Rec. Limits (TLV)	Percent By Weight
Aluminum Oxide ¹	1344-28-115	115 mg/m ³	10 mg/m ³	92-99
Titanium Dioxide	13463-67-715	115 mg/m ³	10 mg/m ³	1 - 4
Iron Oxide	1309-37-1	10 mg/m ³	5 mg/m ³	0.1-1.5
Silicon Dioxide	7631-86-9	80 mg/m ³ % SiO ₂	30 mg/m ³ % quartz + 3	0.2-1.7

Other oxides total less than 1%

¹Non-fibrous form of aluminum oxide

3.0 Hazard Identification/ Potential Health Effects

Eye: May irritate eyes.
Skin: Not absorbed through the skin. May cause abrasions.
Ingestion: No known adverse effects, but ingestion not recommended.
Inhalation: May cause coughing or shortness of breath.
Chronic Effects: May affect breathing capacity

4.0 First Aid Measures

Eyes: Wash with large amounts of water. Get medical attention, if needed.
Skin: Wash with water. Obtain first aid or medical assistance if needed.
Ingestion: If swallowed, seek medical attention.
Inhalation: Remove to fresh air, apply artificial respiration as needed. Get medical attention if needed.

5.0 Fire Fighting Measure

Flammable Properties: Non-flammable
Flash Point: None **Fire/Explosion Potential:** None
Upper and Lower Flammable Limits: None
Autoignition Temperature: None
Special Fire Fighting Procedures: None

6.0 Accidental Release Measures

Personal Precautions: Wear protective equipment. See Section 8.
Cleanup Measures: Normal cleanup procedures. Avoid generating dust. Dispose using standard landfill methods consistent with applicable Federal, State and Local laws.

7.0 Handling and Storage

Normal Storage: General storage, ambient air temperature and pressure.
Handling: Avoid generating dust. Handle with adequate ventilation for dust. See OSHA 29 CFR 1910-94 (Ventilation).

8.0 Exposure Controls, Personal Protection

Engineering Control: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below PELs or TLVs.
Respiratory Protection: Recommended if TLVs or PELs are exceeded. Use NIOSH/MSHA approved respirators.
Skin and Hand Protection: Gloves as desired by user.
Eye and Face Protection: Use safety glasses with side shields. If there is potential for exposure to particles which could cause mechanical injury to the eye, wear goggles.

4.0 First Aid Measures

