



COATED ABRASIVES FOR THE CRAFTSMAN

# MATERIAL SAFETY DATA SHEET

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Date: 10/23/2012

## Section 1 - MATERIAL IDENTIFICATION AND USE

Name/Identifier: **A/O E-Z Cut Cloth** Flammability: 0 Reactivity: 0  
 Material: Aluminum Oxide Cloth Health: 1 Personal: 0

## Section 2 - HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients          | Approximate Concentration % | C.A.S.N.A or U.N. Numbers | Exposure Limits      |           | LD50/LC50<br>Specify Species & Route |
|--------------------------------|-----------------------------|---------------------------|----------------------|-----------|--------------------------------------|
|                                |                             |                           | ACGIH TLV            | OSHA PELL |                                      |
| Aluminum Oxide (AL 203)        | 10 - 30                     | 1344 - 28 - 1             | 10 mg/M <sup>3</sup> | N/A       | N/A                                  |
| Cured Urea- Formaldehyde Resin | 10 - 30                     | 50 - 00 - 0               | 1 ppm (as gas )      | N/A       | N/A                                  |
|                                |                             |                           |                      |           |                                      |
|                                |                             |                           |                      |           |                                      |
|                                |                             |                           |                      |           |                                      |
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|                                |                             |                           |                      |           |                                      |

## Section 3 - PHYSICAL DATA OF MATERIAL

|                                                                                                                          |                       |                                        |                          |                         |                      |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------|--------------------------|-------------------------|----------------------|
| Physical State<br>Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/> |                       | Odor & Appearance<br>Brown abrasive on |                          | Odor Threshold (ppm)    | Coeff. of Water /Oil |
| Vapor Pressure (mm)<br>N/A                                                                                               | Vapor Density (Air=1) | Evaporation rate<br>N/A                | Boiling Point (C)<br>N/A | Freezing Point (C)      |                      |
| Solubility Water (20)<br>N/A                                                                                             | % Volatile (by vol.)  | pH                                     | Density (g/ml)           | Specific Gravity<br>N/A |                      |

## Section 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

|                                                                                                                                                          |                         |                         |                                                                                          |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------|--|--|
| Flammability: No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> If YES, under what conditions: Combustion when exposed to direct flame |                         |                         | Extinguishing Media: ANY<br>(chemical extinguishers not required)                        |  |  |
| Means of Extinction: Dry chemical. Foam CO <sub>2</sub> . Water.                                                                                         |                         |                         | LEL ( % by vol.):<br>N/A                                                                 |  |  |
| Flash Point (C) and Method:<br>N/A                                                                                                                       |                         |                         | TDG Flammability Classification:<br>N/A                                                  |  |  |
| Autoignition Temperature (C):<br>N/A                                                                                                                     |                         |                         | Hazardous Combustion Products:<br>Combustion products may be toxic. No explosion hazard. |  |  |
| Explosion Data sensitive to impact:<br>N/A                                                                                                               | Rate of burning:<br>N/A | Explosive Power:<br>N/A | Sensitivity to Static Change:<br>N/A                                                     |  |  |

## Section 5 - REACTIVITY DATA

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| Chemical Stability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If NO, under what conditions?        |
| Incompatibility to other substances? : Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If so which ones? |
| Reactivity and under what conditions: Grain will not burn. Adhesive may char. Backing is combustible.                        |
| Hazardous Decomposition Products: NAIF                                                                                       |

## Section 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

|                                                                                                                                                                                                    |                                                      |                                                        |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|
| Route of Entry:                                                                                                                                                                                    | Skin Contact <input checked="" type="checkbox"/>     | Skin Absorption <input type="checkbox"/>               | Eye Contact <input checked="" type="checkbox"/> |
|                                                                                                                                                                                                    | Inhalation Acute <input checked="" type="checkbox"/> | Inhalation Chronic <input checked="" type="checkbox"/> | Ingestion <input type="checkbox"/>              |
| Effects of Chronic Exposure to Product: Dust may irritate eyes. Inhalation may cause coughing and shortness of breath. Skin may cause physical abrasion. Inhalation may effect breathing capacity. |                                                      |                                                        |                                                 |
| Emergency First Aid Procedures:                                                                                                                                                                    |                                                      |                                                        |                                                 |
| Sensitization to Product:                                                                                                                                                                          | Synergistic Materials:                               | Irritancy of Product:                                  | Exposure limits to Products:                    |
| N/A                                                                                                                                                                                                | N/A                                                  | N/A                                                    | N/A                                             |
| Carcinogenicity:                                                                                                                                                                                   | Reproductive Effects:                                | Tertongenecity:                                        | Mutagenicity:                                   |
|                                                                                                                                                                                                    | N/A                                                  | N/A                                                    | N/A                                             |

## Section 7 - PREVENTIVE MEASURES

|                                        |                                                                               |                  |                                     |
|----------------------------------------|-------------------------------------------------------------------------------|------------------|-------------------------------------|
| Personal Protective Equipment          |                                                                               |                  |                                     |
| Gloves                                 | Leather                                                                       | Respiratory      | NIOSH/MSHA dust masks               |
| Eye                                    | Safety glasses                                                                | Footwear         | None                                |
| Clothing (Specify):                    | Long sleeves to minimize                                                      | Other (Specify): | Hearing protection may be required. |
| Engineering Controls (eg ventilation): | Local ventilation to keep dust below TLV levels.                              |                  |                                     |
| Leak and Spill Procedure:              | Normal clean up procedures (vacuum dust to prevent air borne particles).      |                  |                                     |
| Waste Disposal:                        | Standard landfill methods consistent with Federal, Provincial and local laws. |                  |                                     |
| Handling Procedures and Equipment:     | NAIF                                                                          |                  |                                     |
| Storage Requirements:                  | Recommend storage at 40-90 F and 30-80% R.H.                                  |                  |                                     |
| Special Shipping Information:          | WHMIS Controlled Product Class D28                                            |                  |                                     |

## Section 8 - FIRST AID MEASURES

|                                                |                                                                                                                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin:                                          | Wash area thoroughly and cover abraded area with sterile bandage. Seek first aid for serious abrasions.                                                                                                                   |
| Eye:                                           | Flush with water for 15 minutes. Obtain First Aid or Medical Assistance, if needed.                                                                                                                                       |
| Inhalation:                                    | Remove to fresh air. Apply artificial respiration as needed. Obtain First Aid or Medical Assistance.                                                                                                                      |
| Ingestion:                                     | No known adverse effects.                                                                                                                                                                                                 |
| Other Potential Health Risks & General Advise: | Good health and safety practice requires that MSD information for the article being sanded be used in conjunction with this data in order to provide a full and complete understanding of the potential hazards involved. |

## Section 9 - PREPARATION DATE OF M.S.D.S.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |
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| ADDITIONAL INFORMATION COMMENTS. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee third person approximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risks in the use of this material. |                                                                |
| Sources Used:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MDS information from original supplier. ACGIH booklet for TLV. |
| Key:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NAIF=No applicable information found N/A= Not applicable       |