

086-031, 086-032, 086-033

086-034, 086-035, 086-036



Dedeco International, Inc. Route 97, Long Eddy, NY 12760-0244

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Material Safety Data Sheet

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|--|--------------------------------|--------------------------------------|-----------|--------------------|
| Identity (As Used on Label and List) | | | | |
| Rubberized Bonded Abrasives & Grinding Wheels | | | | |
| | | | | |
| SECTION I | | | | |
| Manufacturer's Name | | Emergency Telephone Number | | |
| DEDECO INTERNATIONAL, INC. | | 845-887-4840 | | |
| Address | | Telephone Number for Information | | |
| Route 97 | | 845-887-4840 | | |
| Long Eddy, New York 12760 | | | | |
| | | Date Prepared | | |
| | | April 7, 2008 | | |
| | | | | |
| SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION | | | | NTP/IARC/OSHA |
| | | | | Carcinogen |
| Hazardous Components (Specific Chemical Identity; Common Name(s)) | | OSHA PEL | ACGIH TLV | Recommended Status |
| Aluminum Oxide | CAS 1344-28-1 | 15 mg/m3 | 10 mg/m3 | Not listed |
| Silicon Carbide | CAS 409-21-2 | 15 mg/m3 | 10 mg/m3 | Not listed |
| Phenol / Formaldehyde binder (Cured Phenolic Resin) | CAS 67700-42-9 | 10 mg/m3 | 10 mg/m3 | Not listed |
| Pumice | NAIF | NAIF | NAIF | Not listed |
| Iron Oxide | CAS 1309-37-1 | 15 mg/m3 | 10 mg/m3 | Not listed |
| Calcium Carbonate (Limestone) | CAS 1317-65-3 | 5 mg/m3 | 5 mg/m3 | No listed |
| Kaolin (Clay) | CAS 1332-58-7 | 5 mg/m3 | 5 mg/m3 | Not listed |
| Sulfur | CAS 7704-34-9 | NAIF | NAIF | Not listed |
| Hydrated Alumina | CAS 21645-51-2 | 10 mg/m3 | 10 mg/m3 | Not listed |
| Calcium Metasilicate | CAS 13983-17-0 | NAIF | NAIF | Not listed |
| Magnesium Oxide | CAS 1309-48-4 | 15 mg/m3 | 10 mg/m3 | Not listed |
| Titanium Dioxide (Titania) | CAS 13463-67-7 | 15 mg/m3 | 10 mg/m3 | Listed |
| Synthetic elastomers which may be contained in the product are not defined by OSHA as hazardous materials. | | | | |
| | | | | |
| SECTION III – PHYSICAL CHEMICAL CHARACTERISTICS | | | | |
| Boiling Point | NAIF | Specific Gravity (H2) = 1) | | 2 - 4 |
| Vapor Pressure (mm Hg.) | NAIF | Melting Point | | NAIF |
| Vapor Density (Air = 1) | NAIF | Evaporation Rate (Butyl Acetate = 1) | | NAIF |
| Solubility in Water | Slight | Solubility in Other Solvent | | NAIF |
| Appearance and Odor | Solid, may produce odor in use | Solubility in Alcohol | | NAIF |
| Percentage Volatile by Volume | NAIF | | | |

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| SECTION IV – FIRE AND EXPLOSION HAZARD DATA | | | |
| Flash Point (Method Used) | NAIF | Flammable Limit | N/A |
| Extinguishing Media | Water | Special Fire Fighting Procedures | None |
| Explosion Potential: | NAIF | | |
| SECTION V – REACTIVITY DATA | | | |
| Stability | Unstable | Stable | X |
| Hazardous Decomposition or Byproducts | Dust is generated in use. In most cases, the material removed from the workpiece will be significantly greater than the grinding wheel components. | | |
| Hazardous Polymerization | May Occur | Will Not Occur | X |
| Conditions to be Avoided | NAIF | | |
| Material to be Avoided | NAIF | | |
| SECTION VI – HEALTH HAZARD DATA | | | |
| Inhalation: | During grinding. | | |
| Acute: | Coughing and/or shortness of breath. | | |
| Chronic: | May affect breathing capacity. | | |
| First Aid: | Remove to fresh air. Artificial respiration as needed. Obtain medical assistance. | | |
| Ingestion: | During grinding. No known adverse effect, but ingestion should be avoided. | | |
| First Aid: | Obtain medical assistance. | | |
| Skin: | During grinding. Dust may irritate some individuals. | | |
| First Aid: | Wash affected areas with soap and water. Obtain medical assistance. | | |
| Eyes: | Dust may irritate eyes. | | |
| First Aid: | Wash with large amounts of clean water. Obtain first aid and medical assistance if necessary. | | |
| SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE | | | |
| Steps To Be Taken In Case Material Is Released Or Spilled: | Normal cleanup procedures. | | |
| Waste Disposal Method: | Standard landfill methods consistent with applicable Federal, State and Local regulations. | | |
| Storage: | See ANSI Standard B7.1. | | |
| Normal Usage: | Handle with adequate ventilation. See OSHA 29CF1910.94 (Ventilation) and 29CF1910-1000 (Air Contaminates). | | |
| SECTION VIII – CONTROL MEASURES | | | |
| Respiratory Protection (Specify Type): | For approved dust respirators see OSHA 29CF1910-134. | | |
| Ventilation: | Local: Recommended | Mechanical (general): Recommended. | Other: NAIF |
| Protective Gloves: | As desired by user. | | |
| Eye Protection: | Recommended – see OSHA 29CFR1910.133. | | |
| Other Protection: | As needed hearing protection. See OSHA 29CFR1010.215 (hearing protection). | | |