

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

072559797

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071322874 072541704 072542025 072542033 072542041 072542058 072542256 072542306 072549319 072549327  
072549335 072549343 072549350 072549368 072549376 072549384 072549392 072549400 072549418 072549426  
072549434 072549442 072549467 072549475 072549491 072549509 072549525 072549558 072549566 072549582  
072549590 072549616 072549624 072549632 072549640 072549657 072549665 072549673 072549681 072549699  
072549707 072549715 072549723 072549731 072549749 072549756 072549764 072549772 072549780 072549798  
072549806 072549814 072549822 072549830 072549848 072549855 072549863 072549871 072549889 072549897  
072549905 072549913 072549921 072549939 072549947 072549954 072549962 072550010 072550028 072550036  
072550044 072550051 072550069 072550077 072550085 072558260 072558278 072558286 072558294 072558302  
072558310 072558419 072558427 072559813 072559821 072559839 072559854 072559912 072559920 072560969  
072560977 072560985 072560993 072561009 072561017 072561413 072561421 072561439 072561447 072561454  
072561462 072561470 072561488 072561496 072561504 072561512 072561520 072561546 072561561 072561595  
072561603 072561611 072561629 072561637 072561645 072561652 072561819 072561827 072561835 072561843  
072561876 072563112 072563120 072563138 072563146 072563153 072563161 072563179 072563187 072563195  
072563203 072563211 072563229 072563237 072563245 072563252 072563310 072563328 072563336 072563344  
072563351 072563369 072563377 072563385 072563393 072563401 072563419 072563427 072563435 072563443  
072563450 072563518 072563526 072563534 072563542 072563559 072563567 072563575 072563583 072563591  
072563609 072563617 072563625 072563633 072563641 072563658 072563666 072563674 072563682 072563690

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072557312 072557320

**Material Safety Data Sheet****I. Bonded Abrasives & Grinding Wheels****EMERGENCY TELEPHONE NUMBER:**

1-845-887-4840

Composition as per 29CFR 1910.1200

Ingredients Listed May Be Contained in the Product

Chemical Name	Common Name	CAS Number	OSHA PEL Permissible Exposure Limit	ACGIH TLV Threshold Limit Value	NTP/IARC/OSHA Carcinogen Status
Aluminum Oxide	Aluminum Oxide	1344-28-1	15 mg/M3	10 mg/M3	Not Listed
Silicon Carbide	Silicon Carbide	409-21-2	15 mg/M3	10 mg/M3	Not Listed
Zirconium Oxide	Zirconium Oxide	1314-13-2	5 mg/M3	5 mg/M3	Not Listed
Phenol/Formal- dehyde binder	Cured Phenolic Resin	67700-42-9	10 mg/M3	10 mg/M3	Not Listed
Pumice	Pumice	NAIF	NAIF	NAIF	Not Listed
Iron Oxide	Iron Oxide	1309-37-1	15 mg/M3	10 mg/M3	Not Listed
Calcium Carbonate	Limestone	1317-65-3	5 mg/M3	5 mg/M3	Not Listed
Kaolin	Clay	1332-58-7	5 mg/M3	5 mg/M3	Not Listed
Sulfur	Sulfur	7704-34-9	NAIF	NAIF	Not Listed
Hydrated Alumina	Hydrated Alumina	21645-51-2	10 mg/M3	10 mg/M3	Not Listed
Calcium Metasilicate	Calcium Metasilicate	13983-17-0	NAIF	NAIF	Not Listed
Magnesium Oxide	Magnesium Oxide	1309-48-4	15 mg/M3	10 mg/M3	Not Listed
Titanium Dioxide	Titania	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.

**II. 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 Alcohol	NAIF
Solubility in Other Solvent	NAIF	Appearance and Odor Solid; may produce odor in use	
Percentage Volatile by Volume	NAIF		

**III. Fire and Explosion Hazard Data**

Flash Point (Method Used) NAIF	Flammable Limits N/A	LEL	DEL
Extinguishing Media Use Water			
Special Fire Fighting Procedures None			
Usual Fire and Explosion Hazards NAIF			

**IV. HEALTH, FIRST AID & MEDICAL DATA**

ROUTE OF ENTRY	ACUTE EFFECT	FIRST AID
Eyes	Dusts may irritate eyes.	Wash with large amounts of water. Obtain first aid and medical assistance if needed.
Inhalation (During Grinding)	Acute: Coughing and/or shortness of breath. Chronic: May affect breathing capacity.	Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.
Ingestion (During Grinding)	No known adverse effect but ingestion should be avoided.	Obtain medical assistance.
Skin (During Grinding)	Dust may irritate some individuals.	Wash affected areas with soap and water. Obtain medical assistance.
Other Potential Health Risks	Grinding may create elevated sound levels which may affect hearing.	Obtain medical assistance.

**V. REACTIVITY DATA**

Stability: Stable.  
Polymerization: Will not occur.  
Decomposition  
Products: Dust is generated in use. In most cases, the material removed from the workpiece will be significantly greater than the grinding wheel components.  
Incompatibility  
(Materials To Avoid): NAIF  
Conditions To Be  
Avoided: NAIF

**SPECIAL PRECAUTIONS**

Precautions To Be  
Used In Handling  
And Storage: None  
Other Precautions: NAIF

**VII. STORAGE, HANDLING & USE PROCEDURES**

Normal Storage  
& Handling: See ANSI Standard B7.1.  
Normal Use: Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and 29CFR1910.1000 (Air Contaminates).  
Steps To Be Taken  
In Case Of Leaks  
Or Spills: Normal cleanup procedures.  
Waste Disposal  
Method: Standard landfill methods consistent with applicable state and local laws.

**VIII. PERSONAL PROTECTION INFORMATION**

Respiratory  
Protection  
(Specify Type)  
as needed: For approved dust respirators see OSHA 29CFR1910-134.  
Ventilation: Local Recommended.  
Mechanical (general) recommended.  
Other NAIF  
Protective Gloves: As desired by user.  
Eye Protection: Recommended. See OSHA 29CFR1910.133.  
Other Equipment: As needed hearing protection. See OSHA 29CFR1010.215 (Hearing protection.)

Measures to be taken during Repair & Maintenance of Contaminated Equipment that has been in contact with this material: see Sections VII and VIII.

The information and recommendations set forth herein are taken from sources believed to be accurate as of this date hereof; however, no warranty is made with respect to the accuracy of the information or the suitability of the recommendations, and no liability is assumed to any user thereof.

NAIF = No Applicable Information Found  
N/A = Not Applicable



# SAFETY DATA SHEET

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## SECTION 1. IDENTIFICATION

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### **Dedeco International, Inc.**

11617 State Route 97

Long Eddy, NY 12760

Telephone No.: 845-887-4840

**Product Name:** Rubberized Bonded Abrasives

Effective Date: 11/01/15

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## SECTION 2. HAZARDOUS IDENTIFICATION

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GHS Classification:

**Not possible to classify**

Label Elements:



Symbol:

Signal Word:

Hazard Statement:

Precautionary Statement

### **Prevention**

Do not handle until all safety precautions have been read and understood.

### **Response**

If you do not feel well seek medical attention.

### **Storage**

Store in a dry place. Take measures to avoid mechanical and chemical damage.

### **Disposal**

Dispose of contents and container in accordance with regulations.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### **Hazardous Components**

Aluminum Oxide Grit

Diamond Grit

Silicon Carbide Grit

Neoprene Rubber

Silicone Rubber

Polyurethane Rubber

Others

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**SECTION 4**

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**FIRST AID MEASURES**

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**Eye Contact**

Wash immediately with copious amounts of water and seek medical attention.

**Skin Contact**

N/A

**Inhalation**

Remove from exposure.

**Ingestion**

N/A

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**SECTION 5**

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**FIRE FIGHTING MEASURES**

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**This product is non-flammable.**

**Suitable Extinguishing Media**

N/A

**Special Fire Fighting Procedures**

N/A

**Unusual Fire/Explosion Hazards**

N/A

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**SECTION 6**

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**ACCIDENTAL RELEASE MEASURES**

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**Spill and Leak Procedures**

Ventilate spill area. Clean up using methods which avoid dust generation such as vacuum (with appropriate filter to prevent airborne dust levels exceeding the PEL or TLV) or wet clean-up. If airborne dust is generated, use an appropriate NIOSH approved respirator.

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**SECTION 7**

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**HANDLING & STORAGE**

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**Handling/Storage Precautions**

Maintain good housekeeping procedures to prevent dust accumulation during grinding. Avoid dust inhalation and direct skin contact with dust.

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**SECTION 8**

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**EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Industrial Hygiene**

Wash hands thoroughly after handling, before eating or smoking. Wash exposed skin at the end of the work shift. Do not shake clothing, rags, or other items to remove dust. Dust should be removed by washing or vacuuming the clothing, rags or other items with appropriate filters.

**Ventilation Measures**

Use adequate local exhaust ventilation to limit personal exposure to airborne dust to levels below the PEL or TLV. If such equipment is not available use respirators as specified above.

**Respiratory Protection**

Use an appropriate NIOSH approved respirator if airborne dust concentrations exceed the applicable PEL or TLV. All requirements set forth in 29 CFR 1910.134 should be met.

**Hand Protection**

Protective gloves or barrier cream are recommended when contact with dust or mist is likely.

**Eye Protection**

Safety glasses with side-shields or goggles are recommended. Eyewash equipment should be available and accessible at the workplace.

**Additional Protective Measures**

Periodic medical examinations are recommended for individuals regularly exposed to dust or mist.

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**SECTION 9****PHYSICAL & CHEMICAL PROPERTIES**

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- **Color** – Rubber Bonded Abrasives are color-coded by grit size and type.
- **Appearance** - Rubber Bonded Abrasives are color-coded by grit size and type.
- **Odor** - Odorless
- **Solubility in Water** – Insoluble
- **Specific Gravity** – 2.0 - 4.0
- **Percentage Volatile by Volume** – 0
- **How Best Monitored** – Air Sample

**Not applicable:** Boiling Point, Vapor Pressure (mm Hg.), Vapor Density (Air=1), Evaporating Rate.

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**SECTION 10****STABILITY & REACTIVITY**

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**Hazardous Reactions** – Hazardous polymerization will not occur.

**Stability** – Stable.

**Materials to Avoid** – Strong acids, strong oxidizers.

**Conditions to Avoid** – Contact with incompatible materials.

**Hazardous Decomposition Products** – None.

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**SECTION 11****TOXICOLOGICAL INFORMATION**

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Not applicable.

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<b>SECTION 12</b>	<b>ECOLOGICAL INFORMATION (non-mandatory)</b>
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Not applicable.

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<b>SECTION 13</b>	<b>DISPOSAL CONSIDERATIONS (non-mandatory)</b>
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**Waste Disposal Method**

Dispose of accordance with applicable government regulations.

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<b>SECTION 14</b>	<b>TRANSPORTATION INFORMATION (non-mandatory)</b>
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Not applicable.

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<b>SECTION 15</b>	<b>REGULATORY INFORMATION (non-mandatory)</b>
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Not applicable.

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<b>SECTION 16</b>	<b>OTHER INFORMATION (non-mandatory)</b>
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Not applicable.