

SAFETY DATA SHEETS

This SDS packet was issued with item:

072563161

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 072559797 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 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

SECTION 1. IDENTIFICATION

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

SECTION 2. HAZARDOUS IDENTIFICATION

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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Aluminum Oxide Grit

Diamond Grit

Silicon Carbide Grit

Neoprene Rubber

Silicone Rubber

Polyurethane Rubber

Others

-

SECTION 4

FIRST AID MEASURES

Eye Contact

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

Skin Contact

N/A

Inhalation

Remove from exposure.

Ingestion

N/A

SECTION 5

FIRE FIGHTING MEASURES

This product is non-flammable.

Suitable Extinguishing Media

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire/Explosion Hazards

N/A

SECTION 6

ACCIDENTAL RELEASE MEASURES

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.

SECTION 7

HANDLING & STORAGE

Handling/Storage Precautions

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

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

SECTION 9**PHYSICAL & CHEMICAL PROPERTIES**

- **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.

SECTION 10**STABILITY & REACTIVITY**

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.

SECTION 11**TOXICOLOGICAL INFORMATION**

Not applicable.

| | |
|-------------------|---|
| SECTION 12 | ECOLOGICAL INFORMATION (non-mandatory) |
|-------------------|---|

Not applicable.

| | |
|-------------------|--|
| SECTION 13 | DISPOSAL CONSIDERATIONS (non-mandatory) |
|-------------------|--|

Waste Disposal Method

Dispose of accordance with applicable government regulations.

| | |
|-------------------|---|
| SECTION 14 | TRANSPORTATION INFORMATION (non-mandatory) |
|-------------------|---|

Not applicable.

| | |
|-------------------|---|
| SECTION 15 | REGULATORY INFORMATION (non-mandatory) |
|-------------------|---|

Not applicable.

| | |
|-------------------|--|
| SECTION 16 | OTHER INFORMATION (non-mandatory) |
|-------------------|--|

Not applicable.