

## SAFETY DATA SHEETS

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

072549822

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

072549798

**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).**

072541704 072542017 072542025 072542033 072542041 072542058 072542256 072542306 072549301 072549319  
072549327 072549335 072549343 072549350 072549368 072549376 072549384 072549392 072549400 072549418  
072549426 072549434 072549442 072549467 072549475 072549491 072549509 072549517 072549525 072549558  
072549566 072549582 072549590 072549616 072549624 072549632 072549640 072549657 072549665 072549673  
072549681 072549699 072549707 072549715 072549723 072549731 072549749 072549756 072549764 072549772  
072549780 072549806 072549814 072549830 072549848 072549855 072549863 072549871 072549889 072549897  
072549905 072549913 072549921 072549939 072549947 072549954 072549962 072550010 072550028 072550036  
072550044 072550051 072550069 072550077 072550085 072557304 072557312 072557320 072558252 072558260  
072558278 072558286 072558294 072558302 072558310 072558401 072558419 072558427 072559797 072559805  
072559813 072559821 072559839 072559854 072559904 072559912 072559920 072560951 072560969 072560977  
072560985 072560993 072561009 072561017 072561405 072561413 072561421 072561439 072561447 072561454  
072561462 072561470 072561488 072561496 072561504 072561512 072561520 072561538 072561546 072561561  
072561595 072561603 072561611 072561629 072561637 072561645 072561652 072561801 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



# 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.



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Rubberized Bonded Abrasives  
**Other means of identification** None.  
**Recommended use** Abrasive.  
**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** Dedeco International, Inc.  
**Address** 11617 State Route 97  
Long Eddy, NY 12760  
United States  
**Telephone** 845-887-4840  
**E-mail** service@dedeco.com  
**Emergency phone number** 845-887-4840

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**OSHA defined hazards** Not classified.

#### Label elements

**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** The product does not meet the criteria for classification.  
**Precautionary statement**  
**Prevention** Wear protective gloves.  
**Response** Wash hands after handling.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

#### Mixtures

Chemical name	CAS number	%
Aluminum oxide grit	1344-28-1	Proprietary
Diamond grit	Proprietary	Proprietary
Silicon carbide grit	409-21-2	Proprietary
Rubber (Neoprene, Silicone, Polyurethane)	Mixture	Proprietary

**Composition comments** The manufacturer has claimed the specific chemical identity and/or exact percentage as trade secret under the OSHA Hazard Communication Standard.

## 4. First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.  
**Eye contact** Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.

<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Dusts may irritate the respiratory tract, skin and eyes.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	No restrictions known.
<b>Specific hazards arising from the chemical</b>	During fire, hazardous combustion products are released that may include: Fumes of metal oxides. Carbon oxides. Silicon oxide fumes. Rubber fumes.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	The product is not flammable.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Stop the flow of material, if this is without risk. Pick up and arrange disposal. Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Recover and recycle, if practical.
<b>Environmental precautions</b>	For waste disposal, see section 13 of the SDS. Avoid release to the environment.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide appropriate exhaust ventilation at places where dust is formed. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Aluminum oxide grit (CAS 1344-28-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Silicon carbide grit (CAS 409-21-2)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Aluminum oxide grit (CAS 1344-28-1)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

Components	Type	Value	Form
Silicon carbide grit (CAS 409-21-2)	TWA	15 mppcf	Respirable fraction.
		5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Silicon carbide grit (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Silicon carbide grit (CAS 409-21-2)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Skin protection****Other**

Wear suitable protective clothing.

**Respiratory protection**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Check with respiratory protective equipment suppliers.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state**

Solid.

**Form**

Solid.

**Color**

Various (color-coded by grit size and type).

**Odor**

Odorless.

**Odor threshold**

Not applicable.

**pH**

Not applicable.

**Melting point/freezing point**

Not available.



<b>Initial boiling point and boiling range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Non flammable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Not applicable.
<b>Relative density</b>	2 - 4 (Water=1)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water)</b>	Not applicable for mixtures.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>Percent volatile</b>	0 % v/v

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials. Minimize dust generation and accumulation.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous decomposition products</b>	Decomposition is not expected under normal conditions of use and storage. In the event of fire: See Section 5.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Dust may irritate respiratory system.
<b>Skin contact</b>	Dust or powder may irritate the skin.
<b>Eye contact</b>	Dust may irritate the eyes.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**      Dusts may irritate the respiratory tract, skin and eyes.

### Information on toxicological effects

**Acute toxicity**      Not expected to be acutely toxic.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Aluminum oxide grit (CAS 1344-28-1)		
<u><b>Acute</b></u>		
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg/day
<b>Skin corrosion/irritation</b>	May cause irritation through mechanical abrasion.	
<b>Serious eye damage/eye irritation</b>	Dust or powder may cause mechanical eye irritation.	

## Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.  
Due to the form of the product, exposure to respirable Silicon carbide fibers or whiskers is not expected.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Silicon carbide grit (CAS 409-21-2)

2A Probably carcinogenic to humans.

### NTP Report on Carcinogens

Not listed.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available on bioaccumulation.

**Mobility in soil** The product is insoluble in water. Not expected to be mobile in soil.

**Other adverse effects** No data available for this product.

## 13. Disposal considerations

**Disposal instructions** Recover and recycle, if practical. Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Toxic Substances Control Act (TSCA)**

Not determined.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Aluminum oxide grit	1344-28-1	Proprietary

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Aluminum oxide grit (CAS 1344-28-1)

Silicon carbide grit (CAS 409-21-2)

**US. New Jersey Worker and Community Right-to-Know Act**

Aluminum oxide grit (CAS 1344-28-1)

Silicon carbide grit (CAS 409-21-2)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Aluminum oxide grit (CAS 1344-28-1)

Silicon carbide grit (CAS 409-21-2)

**US. Rhode Island RTK**

Aluminum oxide grit (CAS 1344-28-1)

Silicon carbide grit (CAS 409-21-2)

**California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Silicon carbide grit (CAS 409-21-2)

**16. Other information, including date of preparation or last revision**

**Issue date** 01-June-2023  
**Revision date** -  
**Version #** 01  
**Further information** E - Safety Glasses, Gloves, Dust Respirator  
**HMIS® ratings** Health: 1  
Flammability: 0  
Physical hazard: 0  
Personal protection: E

**NFPA ratings**

**Disclaimer**

Dedeco International, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.