1. Identification of the product and of the company/undertaking

1.1 Product identifier

Coated Abrasives (Cat. #1)

1.2 Use of the product

Abrasives for industrial and professional application

1.3 Details of the supplier of the voluntary product information:

Company: Rosver Srl

Address: Via Concordia 5/C6 20099
Sesto San Giovanni

Telefon: +39 0224417219

E-mail: info@rosver.com

1.4 Emergency telephone number:

2. Hazards identification

2.1. Classification

Not classified as hazardous according OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Not applicable.

2.3. Other hazards

A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

3. Composition/information on ingredients

Substance	CAS-N°	Conc. (%)	Classification acc. OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
			Hazard classes/ hazard categories	Hazard statements
Resin	9003-35-4	0-30%		
and/or Silicon carbide	409-21-2	0-40%		
and/or Aluminium Oxide Mineral	1344-28-1	0-40%		
and/or Kaolin	1332-58-7	0-5%		

(For full text of H- phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product

Eye contact: Not possible, due to the form of the product

Skin contact: No harmful effects known

Ingestion: Not likely, due to the form of the product; if necessary contact physician

Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO_2 as appropriate for surrounding materials

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.
Note: Hazardous dust of the workpiece material may be generated during and/or sanding operations. National regulations for dust exposures limit values have to be taken into consideration.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

Substance	CAS-N°	Agency	Threshold limits
Silicon carbide	409-21-2	ACGIH	TWA: 10 mg/m^3
		OSHA	TWA: 15 mg/m^3
		NIOSH	TWA: 10 mg/m^3
alpha-Alumina	1344-28-4	OSHA	TWA: 15 mg/m^3 (total dust) TWA: 5 mg/m^3(respirable fraction)
		CMRG	TWA: 1 fiber /cm^3
Kaolin	1332-58-7	ACGIH	TWA: 2 mg/m^3
		OSHA	TWA: 15 mg/m^3 (total dust)
		NIOSH	TWA: 10 mg/m^3 (total dust)

Formaldehyde	50-00-0	ACGIH	TWA: 0.1 mg/m^3
			STEL: 0.3 mg/m^3
		OSHA	TWA: 0.75 mg/m^3
			STEL: 2 mg/m^3
		NIOSH	TWA: 0.016 mg/m^3

ACGIH: American Conference of governmental Industrial Hygienists
CMRG: Chemical Manufacturer´s Recommended Guidelines
OSHA: United States Department of Labor – Occupational Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit

8.2. Exposure controls

8.2.1. Individual protection measures

8.2.1.1. Respiratory protection: Use respiratory protective equipment
(type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves
(type depends on specific application and material being ground)

8.2.1.3. Eye protection: Wear protective goggles or face shield
(type depends on specific application and material being ground)

8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)

8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	not applicable/different colors
pH:	not applicable
Melting point:	not applicable
Boiling point:	not applicable
Density:	not applicable
Viscosity:	not applicable

Solubility in water: not relevant (article)

9.2. Other information

None.

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10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

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11. Toxicological information

11.1. Information on toxicological effects

Inhalation: Dust may cause respiratory irritation.
Ingestion: None expect under normal use conditions.
Skin Contact: None expect under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.
Eye contact: Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

Carcinogenicity:

Acute Toxicity:

Silicon carbide	Oral	>2000 mg/kg (LD50, rat)
	Dermal	>2000 mg/kg (LD50, rat)
Aluminium Oxide	Oral	>5000 mg/kg (LD50, rat)
	Inhalation	>7.6 mg/L/h (LC50, rat)

Formaldehyde	Oral	500mg/kg (LD50, rat)
	Dermal	270 mg/kg (LD50, rabbit)
	Inhalation	0.578 mg/l/4h (LC50, rat)

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Disposal methods

13.1. Product
Follow local/ regional/ national/ international regulations.

13.2. Packing
Follow local/ regional/ national/ international regulations.

14. Transport information

The product is not regulates per U.S. DOT, IATA or IMO.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the product

California Proposition 65:
⚠**WARNING:** This product can expose you to Formaldehyde, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

15.2. Chemical safety assessment
Not relevant.

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16. Other information

Changes to the previous versions
See section 15

Hazard statements referred to in section 2 and 3

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

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