

1. Identification of the substance/preparation

<u>Substance</u>	POLISHING WHEELS FOR GLASS – ORGANIC BONDING
<u>Tradename</u>	9R – 9RS – AF – N76 – SP46 – RRG4 – RR – B – B2 – PK – HS – 10S – 10N – CR – DR – ER – N99 – 799 – RP – TM – TMW
<u>Product code</u>	/
<u>Use</u>	flat glass polishing
<u>Producer</u>	R.B.M. ITALIA srl. Via Nazionale 48/52 14011 Baldichieri (AT) – ITALY Tel. +39 0141 66121 Fax +39 0141 66535

For more information about the substance pls contact the producer.

2. Composition/information on ingredients

The wheels can contain the following components in various percentage:

Component	CAS no	EC no	Catalogue no	Danger remarks	EC label	Percentage
Aluminium Oxide	1344-28-1	215-691-6	-	-	-	<50%
Pumice	1332-09-8	n.a.	-	-	--	<20%
Polyurethane	-	-	-	-	--	>30%
Silicon Carbide	409-21-2	206-991-8	-	-	--	<60%
Iron Oxide	1309-37-1	215-168-2				<1%
Aluminum Silicate	93924-19-7	300-212-6				<20%
Chromium Oxide	1308-38-9	215-160-9				<1%
Barium Sulphate	7727-43-7	231-784-4				<40%
Cerium Oxide	1306-38-3	215-150-4				<20%

3. Hazards Identification

A wheel used properly (to polish glass with clean and abundant water only) is classified as NOT DANGEROUS in accordance with our local and national legislation. The mentioned components are joined in a solid preparation, the resins are polymerized and stable.

4. First-Aid Measures

The product does not need any particular remark.
These general rules can be applicable:

<u>Inhalation</u>	not applicable; in case of accidental crumbling, assure ventilated air in the area.
<u>Skin</u>	none.
<u>Eyes</u>	not applicable; in case of accidental crumbling, rinse with fresh water.
<u>Ingestion</u>	not applicable; in case of accidental crumbling, call for a doctor.

5. Fire Fighting measures

The product is hardly combustible. In case of fire in the warehouse or during the processing, use the standard fire extinguishers (CO₂, powder, water, foam, etc.).
Use breathing apparatus that is independent from the ambient air.

6. Accidental release measures

The product out of its packaging does not give any kind of danger for people or the environment. In case of wheel crumbling, use a Hoover and avoid dust dispersion in the air.

7. Handling and Storage

Handling: the wheel must be fitted only on manual or automatic machines specifically equipped with proper protections and refrigerated with fresh water during processing.
The surrounding should be ventilated according to the local and national legislation.

Storage: Movement does not present any particular problem. Use the standard movement systems. Store product in a dry place, protect from heat and intense cold and from direct sunbeams.

8. Exposure controls/personal protections

During the usage, some inhalable dust can be generated, containing low concentration of powders

that under normal conditions of a well ventilated area are not dangerous. The solid particles in water are mostly made of the processed material and consumed abrasive. To increase your safety, in case of poor ventilation, it is better to check the concentration of the ambient air and eventually adopt personal protections in accordance with the standard professional exposure rules.

TLV-TWA: 10mg/mc inhalable dust and 5 mg/mc respirable dust

General rules of personal protection: do not eat, drink, smoke on work site, wash hands at the end

8.2.1.1 exposure protection: it is just enough to ventilate the area.

In case of high concentration of dust, use the dust mask

8.2.1.2 hand protection: usually not necessary, use neoprene gloves for sensitive skin

8.2.1.3 eyes protection: usually not necessary, in case of squirts use safety goggles

In case of irritation of eyes and skin, inhalation or ingestion consult a doctor.

9. Physical and Chemical properties

9.1 Wheels appear under several dimensions, shapes and colours.

Physical state: SOLID

Flammability: none

Solubility in water: none

9.2.1 Odour: aromatic

PH: not applicable

Boiling point/range: not traceable

Flammability point/range: not traceable

Explosive rate/range: not applicable

Oxidant properties: not applicable

Relative density: P (weight /grams): V (volume/ cc) not applicable

10. Stability and reactivity

The product is stable under normal working conditions.

10.1 Conditions to avoid: not cooling during usage

10.2 Hazardous reactions with: none

10.3 Hazardous decomposition products: none during usage

11. Toxicological information

Toxicity: not traceable

12. Ecotoxicological information

Not traceable. Use in accordance with the main rules of security. Do not waste into the environment.

Since water is the vehicle, we suggest to check and dispose water in proper pools.

13. Disposal consideration

Remainder material present in the water must not be disposed in sewerage, water ways or ground waters, but must be filtered and cleansed.

14. Transport information

Not subject to Transport – regulation dangerous substances

15. Regulatory information

Ec label: not applicable

Remarks on EC-labelling: none

16. Other information

Safety statements:

The product does not require particular labelling because it is not dangerous.

The information supplied in this Material Safety Data Sheet represents the data and best information available on the date of preparation. It is not to be considered as a warranty or guarantee.

Issued by R.B.M. ITALIA srl

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