



MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: 10 98 36

SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

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PRODUCT: Rubber Bonded Abrasive Cutting Wheel

SECTION 2 SUBSTANCE HAZARD IDENTIFICATION

Not Applicable
Abrasives are not dangerous substances or preparations as defined in EC directive No. 99/45

See also section 8 and 16.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Products may contain one or more of the following substances as classified in Annex 1 to Dir.67/548/EEC and 99/45/EC

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements

SECTION 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

If necessary contact physician



SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment

Extinguishing Media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not applicable.

SECTION 7 HANDLING AND STORAGE

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

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

Before grinding/polishing or cutting a risk assessment should be performed. Individual personal protection measures should be adopted accordingly.

Exposure Limits

Keep limits of the following components under surveillance (Observe regional official regulations for dust)

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements

Note: Hazardous dust of workplace material may be generated during grinding/polishing or cutting operations

8.2 Exposure control and limitations

8.2.1 Exposure control and limitations of the work environment

Observe the regional official regulations for dust

- 8.2.1.1 Respiratory protection: Use respiratory equipment (type depends on specific application & material being ground)
- 8.2.1.2 Hand protection : Wear protective gloves (type depends on specific application & material being ground)
- 8.2.1.3 Hearing protection : Wear hearing protection (type depends on specific application & material being ground)
- 8.2.1.4 Eye protection : Wear protective goggles (type depends on specific application & material being ground)
- 8.2.1.5 Body protection : Use protective clothing (type depends on specific application & material being ground)



SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical State:	Solid
9.2	Colour :	Various colours
9.3	Solubility in water:	Trace possible
9.4	pH :	Not applicable
9.5	Boiling Point:	Not applicable
9.6	Melting Point:	Not applicable
9.7	Flash Point:	Not applicable
9.8	Vapour Pressure :	Not applicable
9.9	Vapour Density :	Not applicable
9.10	Specific Gravity : (H ₂ O=1)	Varies

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

Stability

10.1 Bonded abrasives are stable when handled or stored. Avoid overspeed and unsafe use conditions.

Reactivity

10.2	Conditions to avoid:	No decomposition in normal storage
10.3	Materials to avoid:	Avoid strong acids or bases.
10.4	Hazardous Polymerization:	Will not occur.
10.5	Hazardous Decomposition:	At temperatures over 250 C hazardous or toxic decomposition products

may be generated. Coolants may produce other decomposition products.

Dusts are generated in use. Dusts from the workpiece can be significantly greater than that from the grinding wheel.

SECTION 11 TOXICOLOGICAL INFORMATION

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

SECTION 12 ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	no effects known
12.2	Mobility:	no potentials known
12.3	Persistence and degradability:	no biodegradable potentials known
12.4	Bioaccumulative potential:	no potentials known
12.5	Other hazardous effects:	no effects known



SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1. Product

Follow national and regional regulations.

- O Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),
- X Due to the total sum concentration of ingredients being under the limit, disposal as non-hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – No. 120121)

13.2. Packing

Follow national and regional regulations.

SECTION 14 TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15 REGULATORY INFORMATION

No specific marking requirements required under respective EC directives.

SECTION 16 OTHER INFORMATION

R-11	Highly Flammable
R-31	Contact with acids liberates toxic gas
R-42/43	May cause sensitisation by inhalation and skin contact.
R-43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S-2	Keep out of the reach of children
S-16	Keep away from sources of ignition - No smoking
S-22	Do not breathe dust
S-24	Avoid contact with skin
S36/37	Wear suitable protective clothing and gloves
S-37	Wear suitable gloves
S-60	This material and its container must be disposed of as hazardous waste
S61	Avoid release to the environment. Refer to special instructions/safety data sheet.

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use processing, storage transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.