

MATERIAL SAFETY DATA SHEET - COATED ABRASIVES

COMPANY NAME:

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1. IDENTIFICATION OF THE PRODUCT

1.1 PRODUCT NAME Flap Wheel with shaft
Trade name: RL3 - RLG - RLO - RLC - RLS

1.2 APPLICATION

It can be applied with most surfaces of machine, suitable for surfaces of stainless steel, metal and convex-concave shape. It is an excellent choice for grinding and polishing in industries of shipbuilding, large mechanical equipments or furniture and building materials.

2. COMPOSITION / INFORMATION ON INGREDIENTS:

The product contains the following marking required ingredients as per 67/548 EEC and 99/45 EC.

Name	CAS	EG Nr.	Concentration area	Classification	R-Phrases
Aluminum oxide	1344-28-1	N/A	40-45%	OSHA PEL:15mg/m3	N/A
Cotton or polycotton cloth	N/A	N/A	10-15%	N/A	N/A
Cured Epopxy Adhesive	N/A	N/A	40-45%	N/A	N/A
Steel shaft	N/A	N/A	3-5%	N/A	N/A

3. HAZARDS IDENTIFICATION

Not applicable.

Abrasives are not dangerous substances or preparations as defined in EC directive N° 99/45.

See also section 8 and 16.

4. FIRST AID MEASURES

See also section 8 and 16.

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.

5. FIRE FIGHTING MEASURES

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing media: Water, foam, sand, powder or CO₂ as appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Before grinding risk assessment should be performed and individual personal protection measures adopted accordingly.

8.1 Exposure Limits

Keep limits of the following components under surveillance:

(Observe the regional official regulation for dust)

Name	CAS	EG Nr.	Concentration limits (daily average value)	
Aluminum Oxide	1344-28-1	N/A	ACGHI:10mg/m ³	OSHA PEL:15mg/m ³
Cotton or polycotton cloth	N/A	N/A	N/A	N/A
Cured Epopxy Adhesive	N/A	N/A	N/A	N/A
Steel shaft	N/A	N/A	N/A	N/A

Note: Hazardous dust of work piece material may be generated during grinding and/or sanding operations.

8.2 Exposure control and limitations

8.2.1 Exposure control and limitations of the work environment

Observer the regional official regulations for dust.

8.2.1.1 Respiratory protection: Use respiratory 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)

8.2.1.4 Body protection: Use protective clothing

(type depends on specific application and material being ground)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical state: Solid

9.2 Color: Depending on product type

9.3 Solubility in water: Not applicable.

10. STABILITY AND REACTIVITY

Stability:

Coated abrasives are stable when handled or stored.

Reactivity:

10.1 Conditions to avoid: No decomposition in normal use.

10.2 Materials to avoid: No dangerous reactions known.

10.3 Hazardous decomposition products: At temperatures exceeding 250 C hazardous or toxic decomposition products may be generated.

11. TOXICOLOGICAL INFORMATION

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

See also section 8.

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.

13. DISPOSAL CONSIDERATIONS

13.1 Product:

Follow national and regional regulations.

Due to the ingredients (sum concentration under the limit) disposal as non hazardous waste is possible if no hazardous material are added to the abrasives.

13.2 Packing:

Follow national and regional regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

No specific marking requirements under respective EC directives.

16. OTHER INFORMATION

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.