

MATERIAL SAFETY DATA SHEET - NON WOVEN

COMPANY NAME:

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1. IDENTIFICATION OF THE PRODUCT

1.1 PRODUCT NAME Unitized discs
Trade name: FRU

1.2 APPLICATION
For de-burring and surface treatment of various substances.

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

(For the full text of the R-phrases see section 16)

3. HAZARDS IDENTIFICATION

Not applicable.

Abrasives are articles and not dangerous substances or preparations according to directive N° 1999/45/EC.
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.

Note to physician: Not available.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1 Occupational exposure limits values and/or biological limit values

Keep exposure of the following components under surveillance:

(Observe the regional official regulation)

Name	CAS	EG Nr.	Concentration limits (daily average value)	

Note: Hazardous dust of work piece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2 Exposure control

8.2.1 Occupational exposure controls

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)

8.2.1.5 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: Red/green/grey/brown/blue/black/tan according to grade

9.3 Solubility in water: Not applicable.

10. STABILITY AND REACTIVITY

Stability:

Non woven abrasives are stable when handled or stored correctly.

Reactivity:

10.1 Conditions to avoid:

Temperatures over 200°C for excessive periods.

10.2 Materials to avoid:

No dangerous reactions known.

10.3 Hazardous decomposition products:

In normal use, hazardous decomposition products are not expected.

CO, CO₂, NO_x, HCN, aldehydes (including CH₂O), particulate matter and other organic compounds may be formed during combustion.

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 and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous material are added to the abrasives. (EWC - Nr. 120121)

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.