

F.E.P.A.

Federazione Europea
dei Produttori di Abrasivi

**MATERIAL SAFETY DATA SHEET
FOR COATED ABRASIVES**

TAF

Format by FEPA as per EC Directive 91/155 and ISO-Standard 11014-

COMPANY	TAF ABRASIVI S.p.A.	DATE	1/10/2005
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IMPORTANT NOTICE: Coated abrasives are inert products which do not create any risk when handled or stored. When used on grinding machines they require specific measure to protect the operators. During the grinding operation 90% or more of the particulates of the dust come from the material being ground and, for wet grinding, from aerosols generated by the grinding fluid. Specific attention must therefore be given to the nature of the part and of the fluid and the appropriate protection devices must be installed.

1 PRODUCT IDENTIFICATION

HA66

ALUMINIUM OXIDE POLYESTER CLOTH RESIN OVER RESIN

2 COMPOSITION/INFORMATION ON INGREDIENTS

- 2.01 Abrasive
- Synthetic aluminium oxide
 - Synthetic silicon carbide
 - Zirconia alumina ($ZO_2 - Al_2O_3$)
 - Others
- 2.02 Bond
- Glue (natural derived from plant or animal)
 - Cured phenolic resin
 - Cured urea/melamine resin
 - Others
- 2.03 Fillers
- Calcium carbonate
 - Kaolin
 - Cryolite
 - Others IRON OXIDE
- 2.04 Backing
- Paper
 - Cotton cloth
 - Polyester cloth
 - Vulcanized fibre
 - Others
- 2.05 Other

3 HAZARDS IDENTIFICATION

NOT APPLICABLE. Coated abrasives are not dangerous products as stated in EC Directive N. 88/379

4 FIRST AID MEASURES

NOT APPLICABLE WHEN COATED ABRASIVES ARE NOT IN USE ON MACHINE.

The following recommendations are basic rules during a grinding operation, they must be followed in conjunction with the information appearing in the Safety data sheet of the material ground and of the grinding fluid when used.

Dust inatation: Remove from exposure, seek medical advice if symptoms persist

Eye: Remove from exposure and flush with clean water. If symptoms persist seek medical advice.

Skin: No hazardous effect known.

Ingestion: No hazardous effect known

5 FIRE FIGHTING MEASURES

NONE SPECIFIC.

Water, powder, foam, sand, CO_2 can be used if compatible with operating conditions

6 ACCIDENTAL CONTAMINATION MEASURES

NOT APPLICABLE

7 HANDLING AND STORAGE

Follow recommendations for machines and national regulations

Store coated abrasives in moderate constant temperature and humidity conditions

For detailed recommendation refer to FEPA Safety Leaflet for Coated Abrasives

RAW 0051

8 EXPOSURE CONTROL AND PERSONAL PROTECTION

NOT APPLICABLE WHEN COATED ABRASIVES ARE HANDLED OR STORED

During the grinding operation with coated abrasives particles of dust come from the material being ground. The general value for dust is max 6 mg/m³

When using coated abrasives, refer to grinding machines instructions and to the national rules. Refer also to the FEPA Safety Leaflet for Coated Abrasives.

8.01 The following personal protective equipment must be used dependent on the operation and the material being ground.

- Eye protection: Machine guarding and safety goggles or face shield
- Dust protection: Use of dust mask
- Hand protection: Use of barrier cream and protection gloves
- Ear protection: Use of ear defenders or equivalent
- Skin protection: Use of suitable protective clothing

8.02 Hygien measures: No specific requirements

9 PHYSICAL AND CHEMICAL PROPERTIES

9.01 Physical State: Solid

9.02 Colour: Variable

9.03 Smell: Not applicable (May give off non specific smell in use)

9.04 Ph: Not applicable

9.05 Change of physical state: Not applicable

9.06 Density: Not applicable

Bulk density: Not applicable

9.07 Vapour pressure: Not applicable

9.08 Flash point: Not applicable

9.09 Explosion properties: Not applicable

9.10 Viscosity: Not applicable

9.11 Solubility in water: Not defined

10 STABILITY AND REACTIVITY

Coated abrasives are stable and non reactive when handled or stored

10.01 Conditions to avoid: Not applicable

10.02 Materials to avoid: Strong acids, strong bases and strong oxidant agents may modify the mechanical characteristics of the products and create safety hazards when used in machines.

10.03 Hazardous decomposition products: If coated abrasives are used in accordance with instructions no hazardous decomposition products are created

11 TOXICOLOGICAL INFORMATION

NON APPLICABLE WHEN HANDLED OR STORED.

According to the experience gathered for many years, coated abrasives, when properly used have no adverse effect on health, refer to the preliminary note about dust and aerosols of grinding fluid.

12 ECOLOGICAL INFORMATION

12.01 Mobility: not applicable

12.02 Persistence and degradability: Not defined

12.03 Potential bioaccumulative: Not applicable

12.04 Ecotoxicity: Not applicable

13 DISPOSAL CONSIDERATIONS

After use, coated abrasives may be contaminated with hazardous materials (particles of cooling agents) and should be disposed in accordance with national regulations

14 TRANSPORT

Coated abrasives are not dangerous products.

15 REGULATORY INFORMATION

EC-Regulations: NONE, no specific marking required under EC-Directive Nr. 88/379d

National or Local Regulations: Refer to relevant texts

16 OTHER INFORMATION

WARNING! The above indications are based on existing practice and do not constitute a guarantee.

The laws and regulations must be strictly followed by the users who may remain responsible for the use of coated abrasives.

TAF ABRASIVI S.p.A.