

	MATERIAL SAFETY DATA SHEET FOR COATED ABRASIVES	DOCUMENT NO	MSDS 0010
		PUBLICATION DATE	28.03.2005
		PAGE NO	1/5
		REVISION NO	01
		REVISION DATE	11.09.2013
PREPARED BY QUALITY MANAGER	APPROVED BY OPERATION AND INVESTMENT GROUP DIRECTOR		

1-PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTITY / TRADE NAME: Coated Abrasives
(cloth rolls, endless belt, fibre disc, flap disc, semiflex disc)

PRODUCT USE : Metals, wood, plastics , marble&stones, building materials

MANUFACTURER : İNTER ABRASİV, Inc.
MOSB IV. KISIM 501. SOK NO:34 45030 MANİSA-TURKEY
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2-HAZARDS IDENTIFICATION

According to EC Directive Nr. 1999/45/EC, coated abrasives are not dangerous products .
The product contains the following ingredients which are classified according to 67/548/EC and 99/45/EC.

Hazardous Component	CAS #	%
Aluminum Oxide	1344-28-1	15-20
Ceramic Material	1344-28-1	15-20
and/or Garnet	12178-41-5	
and/or Zirconium Oxide	1314-23-4	
Cured Phenolic Resin	9003-35-4	12-20
and/or Calcium Carbonate	1317-65-3	5-10
and/or Calcium Sulfate	7778-18-9	
and/or Zinc Stearate	557-05-1	
and/or Cryolite (as fluorides)	13775-53-6	5-10
and/or Potassium Fluoroborate	14075-53-7	7-12
Hazardous Component	CAS #	%
and/or Crystalline Silica, Quartz	14808-60-7	
Emulsifier	68439-49-6	0,8-0,12
Glycol	107-21-1	0,8-0,12
Polycotton/cotton backing	N/A	24-40
and/or Paper Backing	N/A	

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3-COMPOSITION / INFORMATION ON INGREDIENTS

The product contains the following ingredients which are classified according to 67/548/EC and 99/45/EC.

Name	CAS	EINECS	Concentration range	Classification / Risk Code
Cryolite Na ₃ AlF ₆	15096-52-3	237-410-6 239-148-8	> %95	Halide Complexes 20/22-48/23/25-51/53
Resine	9003-35-4	211-765-7		Reach certificate nr:GD458246-46
Calciun carbonate CaCO ₃	1317-65-3	215-279-6		-
ALOX grit	1344-28-1	215-691-6	% 0-30	-
Zr grit	13114-23-4	215-227-2	% 0-30	-
Epoxy resine	25068-38-6	500-033-5		Xi,N R36/38-43-51/53
Aerosil	112-945-52-5 7631-86-9	231-545-4		
Emulan	68439-49-6			
MEG	107-21-1	203-473-3		R22
KBF4	14075-53-7	237-928-2		
Cotton or Polyester cloth	N/A	N/A		

4-FIRST AID MEASURES

Only applicable when coated abrasives are in use on machines during grinding operation. The following recommendations are basic rules during use of coated abrasives and have to be completed by the information given in the safety data sheets of the material and of the cooling liquid , if any used.

Skin contact : No hazardous effect known. Wash dust from skin with soap and water .

Eye contact : Flush eyes with clean water ,holding open eyelids. If irritation persists, get medical assistance.

Dust inhalation: If overexposed to dust, remove victim to fresh air and get medical assistance.

Ingestion : If sanding dust is swallowed , get medical assistance if needed.

5-FIRE FIGHTING MEASURES

Flammability : When exposed to direct flame, combustion occur. Backings and cured resin will burn and/or decompose, use respiratory protection.

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Flammable limits : LEL : N/A UEL : N/A

Flash point : Non-combustible.

Extinguishing media : water , carbon dioxide, dry chemical ,foam, sand can be used if appropriate to surrounding fire conditions.

Unusual fire and explosion hazards : N/A

6-ACCIDENTAL RELEASE MEASURES

Not applicable.

7-HANDLING AND STORAGE

Recommended work practices : Use in adequate ventilated areas.

Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking .

Store in dry location, at controlled temperature and humidity conditions.

(18-22 °C and 45-65 % humidity)

For additional work practice requirements refer to FEPA Safety Leaflets for the use of coated abrasives.

8-PERSONAL PROTECTION

During use, refer to the instructions of operating machines and to National rules and respect the recommended maximum speed of use. Refer to FEPA Safety leaflets:

“General” and “portable” for coated abrasives.

The following personal protective equipment should be used dependent on the operation and the material being ground:

Eye protection : Machine guarding and wear safety goggles of face shield.

Hand protection : Wear protective, cloth or leather gloves.

Ear protection : Use ear muffs .

Respiratory protection : Use antidust mask.

Skin protection : Wear reliable protective clothing.

Advised ventilation : If necessary, use local exhaust or general ventilation to minimize exposure to dust.

9-PHYSICAL AND CHEMICAL PROPERTIES

Physical State : solid
Color : variable
Odor : Not applicable.
Density : Not applicable.
Vapor pressure : Not applicable.
Flash point : Not applicable.
Evaporation rate : Not applicable
Explosion properties : Not applicable
Viscosity : Not applicable
Solubility in water : Not applicable
Specific gravity : Not applicable.

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Melting point : Not applicable.

10-STABILITY AND REACTIVITY

Coated abrasives are stable and non reactive when handled or stored.

Conditions to avoid : Not applicable.

Materials to avoid : Strong acids and bases ,concentrated strong oxidizing agents can modify product's characteristics, particularly those of the resin and can cause safety problems when used on machines.

Hazardous decomposition products : When used in accordance with instructions no hazardous decomposition products are created.

Hazardous polymerization : Will not occur.

11-TOXICOLOGICAL INFORMATION

During handling and storing not applicable.

Dusts arising from use can cause eye inflammation, irritation of respiratory system.

When properly used, coated abrasives have no health hazards .

Coated abrasives are not acutely toxic products.

12-ECOLOGICAL INFORMATION

Motion : Not applicable.

Persistence and biodegradation property : Not biodegradable.

Potential of bioaccumulation : Not applicable.

Ecotoxicity data : Specific information not available

13-DISPOSAL INFORMATION

Product

Follow national and regional regulations;

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120120)

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

Packing

Follow national and regional regulations.

14-TRANSPORT INFORMATION

Coated abrasives are not hazardous products.

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

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15-REGULATORY INFORMATION

EC Regulations : No specific marking is required by EC regulation 1999/45/ EC.

National or local regulations : Refer to relevant documents.

16-OTHER INFORMATION

Information given in this Material Safety Data Sheet is based on data available currently and written according to our knowledge for product handling under normal conditions. Since the use of this information and the conditions of use of this product are not within the control of Inter Abrasiv Inc. , users who are responsible for the use of coated abrasives must strictly follow the laws and regulations