

MATERIAL SAFETY DATA SHEET (MSDS)

Product: SAL FDZ FLAPDISC

SECTION 1: Identification of the substance/mixture and of the company

Material Name: SAL COATED ABRASIVE FLAP DISC - FDZ
Uses: Flap Disc products for grinding of different materials.
Brand: SAL

UK Distributor: Lloyd & Jones Engineers Limited
PO BOX 29
Bootle
L20 1EJ
United Kingdom

Telephone: +44 (0) 151-955-4700
Fax: +44 (0) 151-955-4728
Email Contact for: If you have any enquiries about the content of this MSDS
MSDS please email sales@lloyd-jones.com

IMPORTANT NOTICE:

Coated Abrasives are dormant products which will not create any risk when properly handled or stored. When used on a grinding machine they require PPE to protect the operator and adherence to the specific safety instructions. During the grinding process, 90+% of the particles released by the process are from the work material, particular attention must therefore be paid to protection devices and safety procedures appropriate for the material being worked.

MSDS Distribution: The information in this document should be made available to all who may handle the product.

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SECTION 2: Composition and Ingredients Information

Product Summary: Flap Disc with

2.1	Abrasive Bond	Zirconium Oxide + Aluminum
2.2	Bond	Organic – Cured phenolic resin / epoxy resin
2.3	Fillers	None
2.4	Reinforcement	Cotton Cloth

SECTION 3: Hazardous Ingredient Identification (Hazardous Identification)

Not Applicable

Coated Abrasives are not dangerous products defined in EC Directive No 88/379

SECTION 4: First aid measures

Not applicable when coated abrasives are in use in machines

The following recommendations are basic rules for use during the grinding operation. They must be used in conjunction with the information appearing in the safety data sheets of the material being ground.

4.1	Eye Contact	Flush eyes with plenty of water for at least 15 minutes. If still irritated, seek medical attention
4.2	Skin Contact	Wash affected area with soap and water thoroughly. If still irritated, seek medical attention.
4.3	Inhalation	Immediately remove affected person to fresh clean air. If breathing is difficult, seek medical attention
4.4	Ingestion	No hazardous effect known.
4.5	Notes	No additional information needed

SECTION 5: Firefighting measures

5.1	Special hazards arising from the substance or mixture	Not applicable
5.2	Advice for firefighters	Wear self-contained breathing apparatus as fumes or vapors may be harmful. Water Foam, Sand CO2 etc can be used if compatible with operating conditions.

SECTION 6: Accidental Release

6.1. Not applicable

SECTION 7: Handling & Storage Requirements

The following recommendations should be followed to prevent damage to abrasive products, which may create a risk of rupture when in use

7.1 Handling	Fragile products, handle and store with care to avoid damage. Wear gloves when handling. Avoid exposure to dust.
7.2 Storage	Store in a moderate constant temperature and humidity conditions.

SECTION 8: Exposure controls/personal protection

8.1. Respiratory protection	Avoid breathing dust created by sanding, grinding or machining. When exposure limits are exceeded or when dust concentrations are excessive, approved respirators for those conditions should be used.
8.2. Ventilation	Solid Use local exhaust ventilation as required to ensure exposure to dust levels are not exceeded.
8.3 Eye protection: State	Avoid eye contact, Safety goggles with side shields recommended, or full face shield.
8.4. Hand protection	Use of barrier cream or protective gloves
8.5. Ears protection:	Use of ear muffs or equivalent
8.6. Hygiene measures:	No specific requirements

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

9.1. Appearance	<i>Fiberglass disc coated with flaps of abrasive cloth</i>
9.2. Physical State	<i>Solid</i>
9.3 Change of Physical State	<i>Not Applicable</i>
9.4. Colour	<i>Variable</i>
9.5. Odour	<i>Odourless</i>
9.6. Boiling Point	<i>None Apply</i>
9.7. Vapor Density	<i>None Apply</i>
9.8. Vapour Pressure	<i>None Apply</i>
9.9. Specific Gravity	<i>None Apply</i>
9.10. Melting Point	<i>None Apply</i>
9.11. Solubility in water	<i>Paper label is slightly soluble</i>
9.12. Evaporation Rate	<i>None Apply</i>
9.13. Flash Point	<i>None Apply</i>
9.14. pH	<i>Not Applicable</i>

9.15. <i>Explosion Properties</i>	<i>Not Applicable</i>
9.16. <i>Viscosity</i>	<i>Not Applicable</i>

SECTION 10: Stability and reactivity

10.1. <i>Stability</i>	<i>Stable and non-reactive when handled or stored</i>
10.2. <i>Incompatibility</i>	<i>Strong Alkali</i>
10.3 <i>Hazardous Decomposition of By Products</i>	<i>If coated abrasives are used in accordance with instructions no hazardous decomposition products are created. Grinding dust may occur.</i>
10.4. <i>Hazardous Polymerization</i>	<i>Does not occur</i>
10.5. <i>Material to avoid</i>	<i>Strong Acid, strong bases and strong oxidizing agents may modify the mechanical characteristics of the products and create safety hazards when used on machines.</i>

SECTION 11: Toxicological information

NOT APPLICABLE WHEN HANDLED OR STORED

According to experience gathered for many years, when properly used, coated abrasives have no adverse effects on health. Refer to earlier note about dust and grinding fluid.

SECTION 12: Ecological information

12.1. <i>Ecotoxicity</i>	<i>Not applicable</i>
12.2. <i>Persistence / Degradability</i>	<i>Not defined</i>
12.3 <i>Bioaccumulation / Accumulation</i>	<i>Not applicable</i>
12.4. <i>Mobility in Environment</i>	<i>Not applicable</i>

SECTION 13: Disposal considerations

13.1. <i>Proper Disposal Method</i>	<i>Dispose of product in accordance with local and national regulations.</i>
13.2. <i>EPA Hazardous Waste Number (RCRA)</i>	<i>Maybe contaminated with hazardous matters such as particles or cooling agents</i>

SECTION 14: Transport information**14.1. Transport**

The costed abrasive are not dangerous products and no specific regulations for any type of transport apply.

Protect from rain and excessive temperature and humidity.

No special precautions other than to insure no physical damage occurs.

SECTION 15: Regulatory information**15.1. Regulatory**

EC Regulations. NONE, no specific marking required under EC directive No 88/379

SECTION 16: Other information**SECTION 16: Other information****13.1. WARNING**

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