

## 3MM CUTTING DISC - DEPRESSED CENTRE

### 1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

**Product Name** The Workshop Warehouse 3mm Cutting Disc - Depressed Centre  
**Product No** WCD345/25  
**Supplier** Van-Line Ltd, Gelderd Road, Leeds, LS12 6NA.  
**Telephone** +44 (0)113 213 4300  
**Fax** +44 (0)113 213 4319  
**Email** contact@van-line.co.uk

### 2) HAZARDS IDENTIFICATION

**Classification** Not applicable  
 Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.  
 See also section 8 and 16.  
**Label elements** Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.  
**Other hazards** By grinding do not inhale dust.

### 3) COMPOSITION/INFORMATION ON INGREDIENTS

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC No	CAS No.	REACH Registration	Content %	Classification acc. to Regulation (EC) N° 1272/2008		Classification acc. to Directive 67/548/
					Hazard classes/hazard categories	Hazard statements	
Aluminium oxide	215-691-6	1344-28-1		> 65 %			
Iron sulphide	215-268-6	1317-37-9		<5%			
#Cryolite=sodium aluminium fluoride	237-410-6	13775-53-6		0-10%	STOT RE 1 Acute Tox. 4 * Acute Tox. 4 * Aquatic Chronic 2	H372 H332 H302 H411	T; R48/23/25 Xn; R20/22 N; R51/53
Aluminum potassium fluoride (bonded)	262-153-1	60304-36-1		< 1 %			Xn, Xi; 22-36/37/38
Phenol resin (cured)		9002-35-4		< 18 %			

# Dangerous properties listed for Cryolite, based on pure substance. In the product the Cryolit is thermically cured and bound in the structure. As such, it has no hazardous effects on human health and the environment.

Additional information For full text of H- and R-phrases see section 16.

### 4) FIRST AID MEASURES

**Inhalation** Not possible, due to the form of the product. By grinding dust may cause coughing, shortness of breath. Remove person to fresh air. Apply artificial respiration if needed. Obtain first aid or medical assistance.  
**Eye contact** Not possible, due to the form of the product. By grinding dust may irritate eyes. Wash with large amounts of water and obtain medical assistance if needed.  
**Skin contact** No harmful effects known.  
**Ingestion** Not likely, due to the form of the product; if necessary contact physician Not special precautions.  
**Note to physician** Not available.  
**Most important symptoms (both acute & delayed)** Not known  
**Indication of immediate medical attention and special treatment** Not relevant. treat symptomatically

### 5) FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials.  
**Special hazards** Toxic fumes may occur. Use respiratory protective equipment.  
**Advice for fire fighters** Extinguishing materials should be selected according to the surrounding area.  
**Protective equipment** Wear full protective suit and breathing apparatus.

### 6) ACCIDENTAL RELEASE MEASURES

**Personal precautions** By grinding do not inhale dust. See also item 8.  
**Environmental precautions** Do not discard into environment.  
**Clean up methods** Take up mechanically. Dispose according to item 13.

### 7) HANDLING AND STORAGE

**Handling** Special technical measures are not necessary. When is used and handled according to specification, the product does not have any harmful effects, according to our experience and the information provided to us. Handle with adequate ventilation for dust.  
**Storage** Store in a dry place.  
**Recommendation:** Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer. See FEPA regulations -Safety Code-European Safety Regulation for correct using of wheels.

### 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:** Before grinding it is recommended to perform a risk assessment and to use personal protection equipmen accordingly.  
**Occupational exposure limit values and/or biological limit values** Keep exposure to the following components under surveillance. (Observe also the regional official regulations)  
**MAC (for dust)** 6 mg/m<sup>3</sup>  
 Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.  
**Individual protection measures**

Respiratory protection	Use respiratory protective equipment (*)
Hand protection	Wear protective gloves (*)
Eye protection	Wear protective goggles or face shield (*)
Hearing protection	Use hearing protection (*)
Body protection	Use protective clothing (*)

\*Type depends on specific application and material being ground

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### 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Colour	Different.
Form	Different.
Solubility in water	No.
Other information	None.

### 10) STABILITY AND REACTIVITY

Stability	Stable if handled and stored according to specifications. See also item 7.
Conditions to be avoided	See item 7. The products are stable when handled or stored correctly. Protect from atmospheric moisture of water.
Possibility of hazardous reactions	No dangerous reactions known.
Hazardous decomposition products	At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.
Incompatible materials	No dangerous reactions known.

### 11) TOXICOLOGICAL INFORMATION

Information on toxicological effects	When are used and handled according to specifications, the products do not have any harmful effects according to our experience and the information provided to us. No toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also section 8.
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### 12) ECOLOGICAL INFORMATION

Toxicity	No effects known.
Persistence and degradability	No biodegradable potentials known.
Bio accumulative potential	No potentials known.
Mobility in soil	No potentials known.
Results of PBT & vPvB assessment	Not relevant.
Other adverse effects	No effects known.

### 13) DISPOSAL CONSIDERATIONS

Disposal methods	Product: Follow national and regional regulations. Abrasive tools include also particles of the tilled material; therefore, referring to information provided in the material safety data sheet is necessary. <ul style="list-style-type: none"> <li>• Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),</li> <li>• Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120*)</li> </ul>
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

Safety, health and environmental regulations/legislation specific for the product	No specific labelling requirements under respective EC directives.
Chemical safety assessment	Not relevant.

### 16) OTHER INFORMATION

The product does not contain Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated biphenyls, Polybrominated diphenyl ethers, according to RoHS directive 2002/95/EC. 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.

Literature and data sources	Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006. Directive (67/548/EWG), amended by Directive 2009/2/EC. REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009. Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009. Directive 2000/39/EG, amended by Directive 2009/161/EC Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009. Transport regulations according to ADR, RID und IATA.
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Hazard phrases in full	According to Regulation (EC) N° 1272/2008	H372 Causes damage to organs through prolonged or repeated exposure .
		H332 Harmful if inhaled. H302 Harmful if swallowed. H411 Toxic to aquatic life with long lasting effects.
	According to Directive 67/548/EWC	R20 Harmful by inhalation. R48/23/25 Toxic; danger of serious damage to health by prolonged exposure through inhalation and if swallowed R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R22 Harmful if swallowed. R36/37/38 Irritating to eyes, respiratory system and skin.

Additional Information	To obtain further information see section 1.
Changes in the revised edition	Safety data sheet has been changed at all points in order to comply with current legislation (amending Annex II to Regulation 1907/2006 (REACH) and Regulation 1272/2008 (CLP)) and eliminates and replaces any preceding release.