rotafix

MATERIAL SAFETY DATA SHEET ACCORDING TO 93/112/EC DYNAGRIP

1. PRODUCT IDENTIFICATION AND MANUFACTURE

MANUFACTURER'S /SUPPLIERS NAME
NAME&ADDRESS

English Abrasives & Chemicals Limited TEL: 01785 251288
Doxey Road FAX: 01785 259428
Stafford ST16 1EA

PRODUCT – NATURAL ALUMINIUM OXIDE – TRADE NAME – DYNAGRIP
IDENTIFICATION & MANUFACTURE GAS: 1302-74-5
Aluminium Oxide, Al_2O_3 (main consitituent)

2. GENERAL DESCRIPTION

Abrasive Aggregate
COMPOSITION (Typical) Al_2O_3 63%, TiO_2 3%, SiO_2 5%, Fe_2O_3 23%

3. HAZARDS IDENTIFICATION

Free Silica (<1%)

4. FIRST AID

4.1 Skin contact – no harmful effects, wash with soap and water
4.2 Eye contact – sharp particles can cause irritation. Flush with clean water and seek medical advice if irritation continues.
Use suitable eye protection as required.
4.3 Inhalation -- no toxic effects
4.4 Ingestion -- no toxic effects, treat symptomatically and seek medical advice as necessary

5. FIRE FIGHTING

No special precautions necessary

6. ACCIDENTAL RELEASE MEASURES

- Clean spillages as appropriate
- Use vacuum for fine aggregates or wet sweeping

7. HANDLING AND STORAGE

7.1 Avoid creating unnecessary dust during handling
7.2 Storage – store in original sealed bags under cover in dry conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits (8 hour TWA)	Abrasive Grit 10 mg/m³ total dust 4 mg/m³ respirable dust	Silica (fused) - total 0.08 mg/m³ respirable dust
8.2 Protective Equipment	Use appropriate dust mask (Avoid creating dust if possible) Wear appropriate eye protection during handling	

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Melting Point:	1415°C
9.2 Boiling Point:	Not applicable
9.3 S.G.:	4g/cm³
9.4 Solubility:	Insoluble
9.5 Flashpoint	Not applicable
9.6 Colour:	Dark grey
9.7 Odour:	None
9.8 Hazardous decomposition products:	None
9.9 Hazardous reactions:	None

10. STABILITY AND REACTIVITY

Material is stable and insert

11. TOXICOLOGICAL INFORMATION

Classified as non-toxic

12 ECOLOGICAL INFORMATION:

No specific effects

13. DISPOSAL CONSIDERATIONS

No special precautions required – treat as general waste

14. TRANSPORT INFORMATION

No specific requirements

15. REGULATORY INFORMATION

Current dust exposure limits to be found in latest edition of Health and Safety Executive Guidance
Note EH40, and local laws

16. OTHER INFORMATION

None applicable