

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: ALUMINIUM OXIDE POWDER
MODEL NO. AOP60
PARTS NO: 3052070
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,
HEMNALL STREET, EPPING, ESSEX. CM16 4LG
BUSINESS TELEPHONE: 01992 565300
BUSINESS FAX: 01992 561562
EMERGENCY TELEPHONE: 01325 488550

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK	
		(Class)	(R. No.)
Silicon Dioxide	1.00	NONE	
Aluminium Oxide	96.08	NONE	
Iron Oxide	0.08	NONE	
Titanium Dioxide	2.64	NONE	
Calcium Oxide	0.20	NONE	

3. HAZARDS IDENTIFICATION:

Inhalation of dust may result in irritation of mucous membranes. Long term inhalation may result in pneumoconiosis.

4. FIRST AID MEASURES:

FIRST AID:

In the event of:

Eye Contact: Wash thoroughly with clean water for 15 minutes and seek immediate medical attention.
Skin Contact: Wash thoroughly with clean water. Seek medical attention for persistent irritation. Wash contaminated clothing before reuse.
Ingestion: Do not induce vomiting. Get medical attention.
Inhalation: Find area of fresh air. If breathing becomes difficult, seek medical attention.

5. FIRE FIGHTING MEASURES:

NON FLAMMABLE.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

Carefully sweep up material and wash floor with soap and water. Dispose solid waste in suitable container.

7. HANDLING & STORAGE:

USAGE PRECAUTIONS:

Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXPST EXP	
		(8 hrs)	(10 min)
Silicon Dioxide		<1.2	<1.2
Aluminium Oxide		95.00-97.5	95.00-97.5
Iron Oxide		<0.2	<0.2
Titanium Dioxide		2.2-3.0	2.2-3.0
Calcium Oxide		<0.3	<0.3

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9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Brown ...
Odour	NO
Solubility	NO
Solubility Value	NO
Specific Gravity	3.94
Ph	7
Flash point	NO

10. STABILITY AND REACTIVITY:

Materials to Avoid:	Strong oxidising agents, alkalis, and acids
Hazardous decomposition products:	Upon burning may release carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION:

Not available.

12. ECOLOGICAL INFORMATION:

Not available.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Dispose in accordance with local and national government regulations

14. TRANSPORT INFORMATION:

Not available.

15. REGULATORY INFORMATION:

Not available.

16. OTHER INFORMATION:

LAST UPDATED : 28/07/06