

MATERIAL SAFETY DATA SHEET

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Section 1. Chemical Product and Company Identification

Product Code AOPPW"1	
Product Name AOP POWDERS 3 - 25 Micron 240 - 600 Grit	
Manufacturer's Name Mark V Laboratory, Inc.	Emergency Telephone Number CHEMTREC 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 18 Kripes Road	Telephone Number For Information (860) 653-7201
Post Office Box 540	Date Prepared January 1, 2012
East Granby, Connecticut 06026	Signature of Preparer (optional)

Section 2. Composition / Information on Ingredients

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Aluminum Oxide TSCA Identity: 417240	1344-28-1	100	10mg/m3	15mg/m3

Section 3. Hazards Identification

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EMERGENCY OVERVIEW

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POTENTIAL HEALTH EFFECTS:

EYE CONTACT :

Irritation to eyes by dust.

INHALATION :

Irritation to nose and throat by dust.

SKIN CONTACT :

INGESTION :

CHRONIC EFFECTS / CARCINOGENICITY:

None Known

TERATOLOGY (BIRTH DEFECT) INFORMATION :

REPRODUCTION INFORMATION :

Section 4. First Aid Measures

INHALATION :

EYE CONTACT :

Immediately flush with plenty of water for 5 minutes. If eye irritation persists, see a physician.

SKIN CONTACT :

Product: Alumina Oxide Powder

INGESTION :**NOTE TO PHYSICIAN :**

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: Non-flammable

METHOD USED :

FLAMMABLE LIMITS

LFL: N/A

UFL: N/A

EXTINGUISHING MEDIA :

N/A

FIRE & EXPLOSION HAZARDS :

None Known

FIRE FIGHTING INSTRUCTIONS :

N/A

FIRE FIGHTING EQUIPMENT :

Section 6. Accidental Release Measures

Sweep and dispose of. Vacuum collection is preferable.

Section 7. Handling and Storage

Avoid agitation and open container to avoid dusting of powder. Use with adequate ventilation. Keep container closed when not in use. Keep dry.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS :

Local exhaust for dust pick up.

RESPIRATORY PROTECTION :

For prolonged dust exposure, wear respirator selected per OSHA 29 CFR 1910.134.

SKIN PROTECTION :

Use gloves.

EYE PROTECTION :

Select goggles per OSHA 29 CFR 1910.134.

EXPOSURE GUIDELINE (S) :

Normal work practices for a nuisance dust.

Section 9. Physical and chemical Properties

APPEARANCE :	White Powder	PHYSICAL STATE :	
BOILING POINT :	N/A	SOLUBILITY IN WATER :	Negligible
EVAPORATION RATE :	0	SPECIFIC GRAVITY :	3.99
FREEZING POINT :		VAPOR DENSITY :	N/A
MELTING POINT :	2072 Deg C	VAPOR PRESSURE :	N/A
MOLECULAR WEIGHT :		VISCOSITY :	
ODOR :	Odorless	% VOLATILE :	
pH :			

Section 10. Stability and Reactivity

CHEMICAL STABILITY :

Stable. Conditions to avoid, none known.

INCOMPATIBILITY :

Ethylene Oxide, Chlorine Trifluoride

HAZARDOUS DECOMPOSITION PRODUCTS :

None Known

Product: AOP Powder

HAZARDOUS POLYMERIZATION :

Will not occur.

Section 11. Toxicological Information

EYE :

SKIN :

INGESTION :

INHALATION :

SUBCHRONIC :

CHRONIC / CARCINOGENICITY :

TERATOLOGY :

REPRODUCTION :

MUTAGENICITY :

SENSITIZATION :

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION :

DISTRIBUTION :

CHEMICAL FATE INFORMATION :

Section 13. Disposal Considerations

Solid waste disposal. Bury in landfill.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME :

TECHNICAL SHIPPING NAME :

D.O.T. HAZARD CLASS :

U.N. / N.A. NUMBER :

PRODUCT RQ (LBS) :

D.O.T. LABEL :

D.O.T. PLACARD :

FREIGHT CLASS BULK :

FREIGHT CLASS PACKAGE :

PRODUCT LABEL :

Product: Alumina Oxide Powder

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS :

TSCA STATUS :

CERCLA REPORTABLE QUANTITY :

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES :

SECTION 311/312 HAZARDOUS CATEGORIES :

SECTION 313 TOXIC CHEMICALS :

RCRA STATUS :

CALIFORNIA PROPOSITION 65 :

Section 16. Other Information

MSDS STATUS:

NOTE: The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.