

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Aluminum Oxide
PRODUCT CODES: AL2O3

MANUFACTURER: Jobsite Supply
STREET ADDRESS: 624 South Missouri Street
CITY, STATE, ZIP: Indianapolis, IN 46225

INFORMATION PHONE: 317-684-7474

DATE REVISED: 3/20/12

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
Aluminum Oxide	1344-28-1	10mg/m3	10mg/m3	20mg/m3	

SECTION 2 NOTES: *Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Dark color gray granular oxides
BOILING POINT OR RANGE: n/a
VAPOR DENSITY (AIR = 1): n/a
SPECIFIC GRAVITY (H2O = 1): 3.6
EVAPORATION RATE: n/a
SOLUBILITY IN WATER: insoluble

SECTION 3 NOTES**SECTION 4: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR, UPPER: n/a
(% by volume) LOWER: n/a
FLASH POINT: n/a
METHOD USED: n/a
EXTINGUISHING MEDIA: none known
SPECIAL FIRE FIGHTING PROCEDURES: Aluminum oxide is neither a fire hazard nor an explosion hazard
UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire hazards known.

SECTION 4 NOTES:**SECTION 5: STABILITY AND REACTIVITY**

STABILITY: STABLE
CONDITIONS TO AVOID (STABILITY): CONTACT WITH POWERFULL OXIDIZING AGENTS SUCH AS FLUORINE, CHLORINE, TRIFLUORIDE, MANGANESE TRIOXIDE, OXYGEN TRIFLUORIDE.
INCOMPATIBILITY (MATERIAL TO AVOID): CAN REACT WITH STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none known.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 5 NOTES:

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: AL2O3

SECTION 6: HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMIBILITY: 0 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: E

POTENTIAL HEALTH EFFECTS

EYES: MAY CAUSE CORNEAL ABRASION OR IRRITATION BUT NO CORNEAL INJURY IS LIKELY.

SKIN: NONE KNOWN.

INGESTION: NONE KNOWN.

INHALATION: OVEREXPOSURE MAY CAUSE RESPIRATORY PROBLEMS OR RELATED SYMPTOMS.

HEALTH HAZARDS (ACUTE AND CHRONIC): ALUMINUM OXIDE IS TOXIC BY INHALATION OF DUST

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO

NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

ADDITIONAL CARCINOGENICITY INFORMATION:

N/A

SECTION 7: FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN IF CONDITION WARRANTS.

SKIN: SKIN CONTACT WILL NORMALLY CAUSE NO HEALTH RISKS.

INGESTION: IF INGESTED, CONSULT A PHYSICIAN.

INHALATION: REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 7 NOTES:

SECTION 8: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR RESPIRATOR AND USE DUSTLESS HANDLING EQUIPMENT TO CLEAN UP LARGE SPILLS. PLACE IN SUITABLE DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

SECTION 8 NOTES:

SECTION 9: WASTE DISPOSAL

WASTE DISPOSAL METHOD: DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

SECTION 10: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. PROPERLY LABEL ALL CONTAINERS. AVOID BREATHING ANY DUST WHEN WORKING WITH THIS MATERIAL.

OTHER PRECAUTIONS: AVOID BREATHING DUST GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. PROVIDE TRAINING FOR YOUR EMPLOYEES RELATING TO OCCUPATIONAL EXPOSURE TO DUST.

SECTION 10 NOTES:

SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER-EXPOSURE TO DUST IN ACCORDANCE WITH 29 CFR 1910.134. GENERAL EXHAUST IS USUALLY SUFFICIENT IN LIEU OF NIOSH RESPIRATOR. PROVIDE SUFFICIENT EXHAUST TO KEEP EXPOSURE LEVELS BELOW THE OSHA PEL LEVEL.

VENTILATION : GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL DUST AND EXPOSURE HAZARDS.

PROTECTIVE GLOVES: N/A

EYE PROTECTION: SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: PROVIDE EQUIPMENT AS NECESSARY TO PREVENT THE INHALATION OF DUST.

WORK HYGIENIC PRACTICES: OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SECTION 11 NOTES:

SECTION 12: DISCLAIMER

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