

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled) Aluminum Oxide Abrasive Wheel
MANUFACTURER'S NAME: Pearl Abrasive Company
Address (complete mailing address) 6832 E. Slauson Avenue
Commerce, CA 90040
Phone number for additional Information: (562) 927-5561
Date prepared or revised: January 1, 2014

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent*	Exposure limits in air (give units)		
			ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Aluminum Oxide	1344-28-1	40-50	10mg/m3	10mg/m3	_____
Resin (phenolic)	N.A.	15-60	NAIF	NAIF	_____
Glass Fiber Reinforcement	N.A.	1-7	10mg/m3	NAIF	_____

The use of this product generates dust, particulate, and fumes, both from this product and from the material being abraded. It is important that this MSDS, and also the safety precautions on MSDS for the material being abraded, be reviewed and used.

III. PHYSICAL PROPERTIES

Vapor Density (air = 1) N.A. Melting point or range, °F N.A.
Specific Gravity 2-4 Boiling point of range, °F N.A.
Solubility Water Negligible Evaporation rate (butyl acetate = 1) N.A.
Vapor Pressure, mmHg at 20°C N.A.
Appearance and Odor No odor when not in use.

HOW TO DETECT THIS SUBSTANCE* (warning properties of substance as a gas, vapor, Dust, or mist)

Product may give off a phenolic odor during use.

* Note a required category

NOTE: all required categories should be addressed. If any item is not applicable, or no information is available, the space must be marked to indicate that.

This voluntary form is provided by CAL/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the information.

NAIF – NO APPLICABLE INFORMATION FOUND

N.A. – NOT APPLICABLE

IV. FIRE AND EXPLOSION

Flash Point, °F (give method) N.A.

Auto ignition temperature, °F N.A.

Flammable limits in air, volume % lower level (LEL) N.A. Upper Level (UEL) N.A.

Fire extinguishing materials:

water spray carbon dioxide other
 foam dry chemical

Specific firefighting procedures: Wear self contained breathing apparatus.

Unusual fire and explosion hazards: None

V. HEALTH HAZARD INFO.

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Coughing may result with exposure to dust.

Contact with skin or eyes: Dust may cause Irritation of skin and eyes.

Absorbed through skin: N.A.

Swallowed: N.A.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra pages if more space is needed

Acute: During use (grinding) coughing and shortness of breath may occur. May cause irritation to eyes.

Chronic: Repeated use (grinding) may affect breathing capacity.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash with large amounts of water. If Irritation persists, obtain first aid and medical Assistance.

Skin Contact: Wash affected areas with soap and water.

Inhaled: Remove to fresh air.

Swallowed: N.A.

SUSPECTED CANCER AGENT?

NO: This product's Ingredients are not found in the lists below.

YES:

Federal OSHA NTP IARC

California employers using Cal/OSHA-registered carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen lists are similar.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Personnel with breathing difficulties, may experience increased shortness of breath.

VI. REACTIVITY DATA

Stability: xx stable unstable

Incompatibility (materials to avoid): None

Hazardous decomposition products (including combustion products):

During use, fire may generate CO, CO₂, Nox and other toxic gases

Hazardous Polymerization: May occur xx Will not occur

Conditions to avoid: None

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):

Use cleanup procedure to prevent spreading of dust.

Preparing wastes for disposal (container types, neutralization, etc.)

Disposal of waste in a manner consistent with applicable federal, state and local laws.

NOTE: Byproducts of use need to be disposed of lawfully.

NOTE: Dispose of all waste accordance with the federal, state and local regulations

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Employ adequate ventilation. See OSHA 29 CFR 1910.94 and 29 CFR 1910.100

Respiratory protection (type): Employ toxic dust respirator.

Eye Protection (type): Employ safety goggles.

Gloves (specify material): Use gloves for general hand protection.

Other clothing equipment: Wear flame retardant clothing. Grinding or cutting may cause elevated sound levels, use ear protection during operation.

Work practices, hygienic practices: N.A.

Other handling/storage requirement: N.A.

Protective measures during maintenance of contaminated equipment.

Use respiratory and eye protection.