

Material Safety Data Sheet
WesBond Corporation
Wesolok A, D, & F

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Sales Name	Wesolok A, D & F Alumina Binder
Product Description	Alumina Binder
CAS Number	
Supplier	WesBond Corporation
Address	1135 E. 7 th Street Wilmington, DE 19801
Emergency Telephone Number	(302) 655-7917
Contact	Wes Jones
Approved By	J. Vandermeer
MSDS Date	1/21/02

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS			
Chemical Name CAS Number	%Wt/Wt	PEL-OSHA Exposure Limits	TLV-ACGIH Exposure Limits
Aluminum Oxide 24623-77-6	>70%	10 mg/m ³ , 8 hour TWA Respirable dust or mist	TWA 10 mg/m ³ 5 mg/m ³ RF STEL 20 mg/m ³
Mineral Acid	>1%		
Starch (Wesolok F only) 56780-58-6	<10%	N/A	No limit set, non-toxic

SECTION 3. PHYSICAL AND CHEMICAL DATA	
Appearance	White dense powder
Odor	Odorless
pH	4 – 5
Specific Gravity	3.5
Solubility In Water	Dispersible
Solubility In Other Solvents	No
Vapor Pressure	N/A
Melting Point	1927°C / 3500°F
Boiling Point	N/A
% Volatile by volume	10 – 20%

SECTION 4. FIRE AND EXPLOSION HAZARD DATA	
Flash Point (°F)	Noncombustible
Flammable Limits (Vapor In Air, Vol.%)	N/A
Fire Extinguishing Media	N/A
Special Fire Fighting Procedures	Non flammable (water)
Unusual Fire And Explosion Hazards	Product will not burn, not explosive.

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SECTION 5. REACTIVITY DATA	
Stability	Stable
Conditions To Avoid	None
Incompatibility (Materials To Avoid)	None
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur.

SECTION 6. STORAGE, HANDLING AND USE PROCEDURES	
Storage And Handling	Treat as nuisance dust, store in dry sealable container.
Normal Use	Same as above
Spillage	Contain spillage, may be slippery; rinse and mop.
Waste Disposal Method	Non-hazardous, landfill or sewer according to local, state, and federal regulations

SECTION 7. HEALTH HAZARD DATA	
Chronic Hazards	Physical irritation to respiratory tract
Carcinogen	IARC? No OSHA? No
Medical Conditions Generally Aggravated By Exposure	Sore throat
Eye Contact	May cause mechanical eye irritation
Skin Contact	May cause redness, irritation, and drying of tissue
Inhalation	Treat as nuisance dust; wear mask
Ingestion	No adverse effects expected.
First Aid Procedures	In case of eye contact. Immediately flush eyes with plenty of water. Call a physician. Remove to fresh air if breathing is difficult; give oxygen. Call a physician.

SECTION 8. PERSONAL PROTECTION INFORMATION	
Respiratory Protection	Avoid breathing dust. Use NIOSH/MSHA approved respirator whenever workplace conditions warrant use.
Gloves	Neoprene gloves provide protection against skin irritation.
Eye Protection	Safety glasses with side shields or chemical goggles. Other Protective Equipment: Safety shower and eyewash fountain should be within direct access.
Personal Hygiene	Wash thoroughly after handling
General Ventilation	Normal.

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NFPA – National Fire Protection Association Hazard Ratings	
1	Health Hazard Rating – Slight
0	Flammability Rating – Minimal
0	Instability Rating – Minimal
	Special Hazards – None

HMIS – National Paint & Coating Hazardous Materials Identification System	
1	Health Hazard Rating – Slight
0	Flammability Rating – Minimal
0	Reactivity Rating – Minimal
E	Personal Protection – Safety Glasses, Gloves, Dust respirator

ABBREVIATIONS			
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value (ACGIH)
ACGIH	American Conference of Governmental Industrial Hygienists	TWA	Time Weighted Average
OSHA	Occupational Safety and Health Administration	N/A	Not Applicable
NFPA	National Fire Protection Association Hazard Ratings	HMIS	National Paint & Coating Hazardous Materials Identification System

The information on this safety data sheet is believed to be accurate and it is the best information available to WesBond Corporation. This document is intended only as a guide to the appropriate precautions for handling a chemical by a person trained in chemical handling. WesBond Corporation makes no warranty of merchantability or any other warranty, express or implied with respect to such information of the product to which it relates, and we assume no liability resulting from the use or handling of the product to which this safety data sheet relates. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.