

MATERIAL SAFETY DATA SHEET

Section 1. Identity of Material

PRODUCT NAME OR NUMBER		MIROX PL	
SYNONYMS		Aluminum Oxide Complex Al ₂ O ₃	
FORMULA		Proprietary	CHEMICAL FAMILY Aluminum Oxide
		CAS NUMBER 1344-28-1	
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME A Continuation sheet.		
	EMERGENCY NUMBER	UN (NA)	EPA HAZARDOUS WASTE ID NUMBER NA
HAZARDOUS INGREDIENTS		%	CAS NUMBER
Aluminum Oxide (Alpha Alumina)		80	1344-28-1
Respirable nuisance dust inhalation hazard			
Note: Minor amounts of proprietary water soluble additives are non-hazardous, and their use is approved by FDA for use in food processing.			

Section 2. Hazard Specifications

KNOWN HAZARDS UNDER 29 CFR 1910.1200				TLV	ppm	10	mg/m ³		
	Yes	No		Yes	No	PEL	ppm	10	mg/m ³
COMBUSTIBLE LIQUID		X	SKIN HAZARD	X		HHPA HAZARD SIGNAL HEALTH 1 FLAMMABILITY 0 STABILITY 0 SPECIAL 0 DOT HAZARD CLASS non-hazardous EPA HAZARD WASTE CLASS non-hazardous			
FLAMMABLE MATERIAL		X	EYE HAZARD	X					
PYROPHORIC MATERIAL		X	TOXIC AGENT		X				
EXPLOSIVE MATERIAL		X	HIGHLY TOXIC AGENT		X				
UNSTABLE MATERIAL		X	SENSITIZER		X				
WATER REACTIVE MATERIAL		X	CARCINOGEN		X				
OXIDIZER		X	REPRODUCTIVE TOXIN		X				
ORGANIC PEROXIDE		X	BLOOD TOXIN		X				
CORROSIVE MATERIAL		X	NEUROUS SYSTEM TOXIN		X				
COMPRESSED GAS		X	LUNG TOXIN		X				
IRITANT	X		LIVER TOXIN		X				
			KIDNEY TOXIN		X				

Section 3. Safe Usage Data

PROTECTIVE EQUIPMENT TYPES	YES	Chemical goggles to avoid physical irritation
	RESPIRATORY	Use NIOSH-approved air-purifying dust respirator
	GLOVES	If continuous contact is anticipated gloves may be used to avoid physical irritation
VENTILATION	GENERAL MECHANICAL	To control dust below the PEL and TLV
	LOCAL EXHAUST	
PRECAUTIONS	HANDLING & STORAGE	Store under dry conditions
	OTHER	