

MATERIAL SAFETY DATA SHEET



Shat R Proof Corp.
 12800 Highway 13 South, Suite 500
 Savage, MN 55378
 Emergency phone # (952) 944-8000

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME(S):	FINING COMPOUND (P/N 8276, 8915, 9064, 9065) PRE-FINING COMPOUND (P/N 8899, 8898)	SHAT-R-PROOF I.D. NUMBER: 8046, 8896, 9063
CHEMICAL NAME:	Aluminum Oxide	PRODUCT USE: Glass Polishing

SECTION 2 - INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS #	EXPOSURE LIMITS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES)
Aluminum Oxide	60-100	1344-28-1	10.0 mg/m3 (1,2) 5.0 mg/m3 (2) (Respirable)	Rat: 3160 mg/kg	NE

NOTES: (1) ACGIH TLV (TWA) (2) - OSHA PEL (TWA) (3) - ACGIH STEL (4) - OSHA STEL (5) - MFR/SUPPLIER TLV
 LD 50 VALUES ARE VIA ORAL ROUTE UNLESS OTHERWISE INDICATED
 ** TOXIC CHEMICAL REPORTABLE PER SECTION 313, TITLE III SARA AND 40 CFR372

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	Solid (Powder)	APPEARANCE:	White	ODOR:	None
VAPOR PRESSURE (mmHg):	NA	% VOLATILE:	None	VAPOR DENSITY (AIR=1):	NA
EVAPORATION RATE (BuAc=1):	NA	BOILING POINT (deg C):	NA	FREEZING POINT (deg C):	NA
pH:	7-8 (at use concentration in water)	DENSITY (g/ml):	3.8	SOLUBILITY IN WATER:	Insoluble

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY	IF YES, UNDER WHICH CONDITIONS:				
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					
EXTINGUISHING MEDIA:	Not combustible				
SPECIAL FIRE FIGHTING PROCEDURES:	None				
FLASH POINT (PMCC) deg F:	NA	UPPER FLAMMABILITY LIMIT: (% BY VOLUME)	NA	LOWER FLAMMABILITY LIMIT: (% BY VOLUME)	NA
AUTOIGNITION TEMPERATURE (deg C):	NA	HAZARDOUS COMBUSTION PRODUCTS: NA			
EXPLOSION DATA	SENSITIVITY TO IMPACT: NA	SENSITIVITY TO STATIC DISCHARGE:			NA

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY:	IF NO, UNDER WHICH CONDITIONS:				
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					
INCOMPATIBILITY WITH OTHER SUBSTANCES:	Strong acids				
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	IF SO, WHICH ONES?				
REACTIVITY, AND UNDER WHICH CONDITIONS?	NA				
HAZARDOUS DECOMPOSITION PRODUCTS:	None				

PRODUCT NAME(S): FINING COMPOUND P/N 8276 & 9064, PRE-FINING COMPOUND P/N 8899

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Low risk by inhalation. Treat as nuisance dust as specified by ACGIH.
Toxicity by ingestion: None expected.
Skin and eye contact: Avoid, may be an irritant.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

Dust may cause shortness of breath and coughing, may affect breathing capacity.

EXPOSURE LIMITS:

See section 2.

IRRITANCY OF PRODUCT:

Mild: Eyes and respiratory

SENSITIZATION TO PRODUCT:

UN

CARCINOGENICITY:

No

TERATOGENICITY:

No

REPRODUCTIVE TOXICITY:

No

MUTAGENICITY:

No

SYNERGISTIC PRODUCTS:

None known

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

CLOTHING (SPECIFY):

None normally required.

RESPIRATORY (SPECIFY):

Avoid dust. Low inhalation risk. If exposure is excessive, wear NIOSH approved dust respirator.

EYE (SPECIFY):

Chemical safety goggles recommended. Treat as nuisance dust.

OTHER (SPECIFY):

If possible, eye wash and safety shower should be available.

ENGINEERING CONTROLS (SPECIFY):

Local exhaust and mechanical ventilation are recommended for dust hazards.

LEAK/SPILL PROCEDURE:

Avoid dust during cleanup. Considered as inert material.

WASTE DISPOSAL:

Dispose of in accordance to local, state, provincial, and federal regulations.

HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS:

Avoid dust.

SPECIAL SHIPPING INFORMATION:

NA

H M I S RATING:

1 0 0

SECTION 8 - FIRST AID MEASURES

SYMPTOMS / EFFECTS OF OVEREXPOSURE: Contact may irritate eyes. Exposure to dust may cause shortness of breath and coughing, may affect breathing capacity. Skin contact may cause abrasions. Ingestion is not recommended, but has no known adverse effects.

EYES:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

SKIN:

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION:

If coughing, move victim to fresh air and apply artificial respiration as needed. Seek medical attention.

INGESTION:

Ingestion is not recommended (no adverse effects known). Seek medical attention.

SECTION 9 - MSDS PREPARATION INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED BY: SHAT-R-PROOF Corp. CHEMISTRY DEPARTMENT

DATE: 6 - 11 - 07