

# MATERIAL SAFETY DATA SHEET



**SHAT R PROOF Inc.**  
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## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT NAME(S):</b> POLISHING COMPOUND		<b>SHAT-R-PROOF I.D. NUMBER:</b> 9040, 9041, 9043
<b>CHEMICAL NAME:</b> Cerium Oxide	<b>PRODUCT USE:</b> Glass Polishing	

## SECTION 2 - INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS #	EXPOSURE LIMITS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES)
Non-Hazardous:					
Cerium Oxide	40 - 70	1306-38-3	Particulates not otherwise regulated: Total Dust: 10 mg/m3 (1) 15 mg/m3 (2) Respirable Dust: 5 mg/m3 (2)	Rat: 5 g/kg	NE
Lanthanum Oxide	40 - 70	1312-81-8		Rat: > 10 g/kg	NE
Neodymium Oxide	UN	1313-97-9		Rat: 5 g/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

<b>PHYSICAL STATE:</b> Powdery Solid	<b>APPEARANCE:</b> White	<b>ODOR:</b> None
<b>VAPOR PRESSURE (mmHg):</b> NA	<b>% VOLATILE:</b> NA	<b>VAPOR DENSITY (AIR=1):</b> NA
<b>EVAPORATION RATE (BuAc=1):</b> NA	<b>BOILING POINT (deg C):</b> NA	<b>FREEZING POINT (deg C):</b> NA
<b>pH:</b> UN	<b>DENSITY (g/ml):</b> 6.8	<b>SOLUBILITY IN WATER:</b> Insoluble

## SECTION 4 - FIRE AND EXPLOSION DATA

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

## SECTION 5 - REACTIVITY DATA

<b>CHEMICAL STABILITY:</b> IF NO, UNDER WHICH CONDITIONS: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<b>INCOMPATIBILITY WITH OTHER SUBSTANCES:</b> Strong acids YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES?	
<b>REACTIVITY, AND UNDER WHICH CONDITIONS?</b> NA	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> NA	