



MATERIAL SAFETY DATA SHEET

#540



SECTION I

MANUFACTURER'S NAME TAM CERAMICS, INCORPORATED			DATE 10/3/86	
STREET ADDRESS BOX C, BRIDGE STATION		CITY, STATE, ZIP NIAGARA FALLS, NY. 14305		
PRODUCT CLASS Ceramic Welding Titanate	MANUFACTURER'S CODE I.D. 54430	TRADE NAME Rutile Milled Ruflux 61	EMERGENCY TELEPHONE NO. 716/ 278-94	

SECTION II — HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	PPM	TLV mg/m ³	LEL %	VAPOR PRESSURE mm Hg @ 68°F
Titanium Dioxide (1) ACGIH 1977 Edition CAS# 1317-80-2	95		10 ⁽¹⁾	N/A	N/A

SECTION III — PHYSICAL DATA

BOILING RANGE N/A				
VAPOR DENSITY	EVAPORATION RATE	% VOLATILE BY VOLUME	WEIGHT PER GALLON	SPECIFIC GRAVITY
☐ HEAVIER N/A ☐ LIGHTER THAN AIR	☐ FASTER N/A ☐ SLOWER THAN ETHER	N/A	N/A	4.2

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Not Regulated	FLASH POINT N/A	LEL N/A
EXTINGUISHING MEDIA ☒ WATER-FOG ☒ FOAM ☐ OTHER ☒ CARBON DIOXIDE ☒ DRY CHEMICAL		
UNUSUAL FIRE AND EXPLOSION HAZARDS None.		
SPECIAL FIRE FIGHTING PROCEDURES None.		

SECTION V — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE	CONDITIONS TO AVOID None.
INCOMPATIBILITY (MATERIALS TO AVOID) None.	
HAZARDOUS DECOMPOSITION PRODUCTS None.	
HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR	CONDITIONS TO AVOID

N/A — NOT APPLICABLE

SECTION VI — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

10 mg/m³ as nuisance dust.

EFFECTS OF OVEREXPOSURE

None.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Normal washing to remove dust.
Inhalation: Remove to fresh air.
Ingestion: Call a physician.
Skin: Normal washing to remove dust.

SECTION VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Normal precautions for nuisance dust should be observed. Avoid prolonged inhalation of dust.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, State and Federal regulations.

SECTION VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Where TLV is exceeded, use of an approved dust respirator is recommended (NIOSH).

VENTILATION

Provide as required to keep TLV below acceptable limits.

PROTECTIVE GLOVES

None.

EYE PROTECTION

Normal protection against foreign substances as needed—safety glasses.

OTHER PROTECTION EQUIPMENT

None.

SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Normal precautions for "nuisance dust" should be observed.

OTHER PRECAUTIONS

None.

N/A — NOT APPLICABLE