



Reaching Into Tomorrow...Today!

MATERIAL SAFETY DATA SHEET

HAMMILL & GILLESPIE, INC.
154 S. LIVINGSTON AVENUE
P. O. BOX 104
LIVINGSTON, NJ 07039

SECTION I

MANUFACTURER'S NAME TAM CERAMICS, INCORPORATED		DATE 9/11/87	
STREET ADDRESS BOX C, BRIDGE STATION		CITY, STATE, ZIP NIAGARA FALLS, NY. 14305	
PRODUCT CLASS Rutile	MANUFACTURER'S CODE I.D. P54430	TRADE NAME MILLED RUTILE	EMERGENCY TELEPHONE NO. 716/278-9400

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PERCENT BY WEIGHT	OSHA PEL	TWA	ACGIH TLV	LEL %	VAPOR PRESSURE mm Hg @ 68°F
Titanium Dioxide	13463-67-7	95	15mg/m ³		10mg/m ³	N/A	N/A

SECTION III - PHYSICAL DATA

BOILING RANGE N/A						
VAPOR DENSITY N/A		EVAPORATION RATE N/A		% VOLATILE BY VOLUME N/A	WEIGHT PER GALLON N/A	SPECIFIC GRAVITY N/A
<input type="checkbox"/> HEAVIER	<input type="checkbox"/> LIGHTER THAN AIR	<input type="checkbox"/> FASTER	<input type="checkbox"/> SLOWER THAN ETHER			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Not Regulated	FLASH POINT N/A	LEL N/A
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> WATER-FOG <input checked="" type="checkbox"/> FOAM <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> CARBON DIOXIDE <input checked="" type="checkbox"/> DRY CHEMICAL		
UNUSUAL FIRE AND EXPLOSION HAZARDS None		
SPECIAL FIRE FIGHTING PROCEDURES None		

LOW TOXICITY
OBSERVE NORMAL PRECAUTIONS FOR NUISANCE DUST.
SEE MSDS

TAM CERAMICS, INC.
(716) 278-9400

Box C, Bridge Station
4511 Hyde Park
Niagara Falls, N.Y. 14305

SECTION V - REACTIVITY DATA

STABILITY <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID None
INCOMPATIBILITY (MATERIALS TO AVOID) None	
HAZARDOUS DECOMPOSITION PRODUCTS None	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID None

N/A NOT APPLICABLE

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY

Inhalation, Ingestion, Eye & Skin Contact

CARCINOGENICITY

Not a known carcinogen

EFFECTS OF OVEREXPOSURE

Long term exposure may cause slight lung fibrosis

EMERGENCY AND FIRST AID PROCEDURES

EYES: Normal washing to remove dust

SKIN: Normal washing to remove dust

INHALATION: Remove to fresh air

INGESTION: Contact a physician

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 Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

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

VENTILATION

Provide 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 provided

OTHER PRECAUTIONS

None

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