



Guardian Laboratories

a division of UNITED-GUARDIAN, Inc.

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MATERIAL SAFETY DATA SHEET

REPLACES:

1/13/2005

WRITTEN BY: KRISTEN NANTISTA

DATE: 27-Apr-06 **SIGNATURE**

1. IDENTIFICATION OF THE MATERIAL AND THE PRODUCER

COMMERCIAL NAME: SUPER TI POWDER

CHEMICAL NAME: TITANIUM DIOXIDE (13463-67-7)
(CAS No:)

***** DO NOT USE IN COSMETICS , PHARMACEUTICALS OR MEDICAL
DEVICES *****

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2. COMPOSITION / INFORMATION OF THE INGREDIENTS

HAZARDOUS MATERIALS: NONE KNOWN

3. IDENTIFICATION OF THE DANGERS

INHALATION IRRITATING TO RESPIRATORY CONTACT. MAY CAUSE BREATHING DIFFICULTIES OR ASPHYXIA.

SKIN: ND

EYES: ND

INTAKE: ND

4. FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SKIN: WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INTAKE: SEEK MEDICAL ATTENTION.

BURNS: SEEK MEDICAL ATTENTION.

5. MEASURES IN CASE OF FIRE

EXTINGUISHING MEDIA:

WATER: No FOAM: Yes CO2: Yes DRY CHEMICAL: No

UNUSUAL HAZARDS: NONE KNOWN

SPECIAL PROCEDURES: NONE, MATERIAL DOES NOT BURN

LEL: NA

UEL: NA

6. MEASURES IN CASE OF ACCIDENTAL LEAK

SPILL PROCEDURES: SCOOP UP MATERIAL AND CONTAIN.

7. HANDLING AND STOCKING

HANDLING PROCEDURES: GROUND MIXING EQUIPMENT, MINIMIZE DUSTING.

INCOMPATIBILITY: DISSOLVED BY HF

8. CONTROL TO EXPOSURE / INDIVIDUAL PROTECTION

VENTILATION: LOCAL EXHAUST TO REDUCE DUST

RESPIRATORY PROTECTION: DUST MASK IS HIGHLY RECOMMENDED

EYE PROTECTION: RECOMMENDED

GLOVES: RECOMMENDED

OTHER PROTECTION: LAB COAT OR OTHER PROTECTIVE CLOTHING

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: FLUFFY POWDER

pH: NA

COLOR: WHITE

ODOR: NONE

CHANGE IN PHYSICAL STATE: ND

VISCOSITY: NA

SOLUBILITY: WATER: INSOLUBLE

DENSITY: 130 g/L

BULK DENSITY: ND

FLASH POINT: NONE

IGNITION: ND

EXPLOSION LIMITS: ND

VAPOR PRESSURE: NA

10. STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME TEMPERATURES

INCOMPATIBILITY: DISSOLVED BY HF

HAZARDOUS DECOMPOSITION PRODUCT NONE

HAZARDOUS POLYMERIZATION: WILL OCCUR:

WILL NOT OCCUR: XX

11. TOXICOLOGICAL INFORMATION

TLV: 10 mg/mm³

PEL: 15 mg/mm³

EFFECTS OF OVEREXPOSURE: IRRITATING TO RESPIRATORY TRACT LEADING TO BREATHING DIFFICULTIES.

TOXICITY: NOT DETERMINED

CARCINOGEN STATUS: NOT LISTED AS A CARCINOGEN

12. ECOLOGICAL INFORMATION

DEGRADATION: ND

AQUATIC TOXICITY: ND

13. CONSIDERATION ON DISPOSAL

DISPOSAL PROCEDURES: CONSULT LOCAL, STATE AND FEDERAL REGULATORY AGENCIES

14. TRANSPORT INFORMATION

GGVSee/IMDG CODE:: ND

UN No: ND

GGVE/GGVS: ND

ICAO/IATA-DGR: ND

RID/ADR: ND

ADNR: ND

DOT CLASSIFICATION: NOT REGULATED

HAZARDOUS MATERIAL ID: NA

15. INFORMATION ON CURRENT REGULATIONS

HAZARD SYMBOL: ND

R-PHRASES: ND

S-PHRASES: ND

HMIS RATING:	Health:	0	HMIS RATINGS:	
	Flammability:	0	0 - MINIMAL	3 - SERIOUS
	Reactivity:	0	1 - SLIGHT	4 - SEVERE
			2 - MODERATE	

16. OTHER INFORMATION

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LEGEND:

ND - NOT DETERMINED
NA - NOT APPLICABLE