# **Material Safety Data Sheet**

Product/Material Micronized Titanium Dioxide

**Distributed by:** Saffire Blue Inc.

1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada

#### **Section I – Product Information**

Trade Name Micronized Titanium Dioxide with CI Pigment White #6,

CI #77891

Formula TiO2

All ingredients are listed in EPA's TSCA list of chemical substances

CAS Number 13463-67-7

# Section II - Hazardous Ingredients

	CAS Number	OSHA PEL	TLV
Nuisance Dust	n/a	15.0  mg/m	10.0  mg/m
Respirable Dust	n/a	5.0  mg/m	5.0  mg/m

# Section III – Physical Data

Boiling Point n/a Vapor Pressure n/a Vapor Density n/a

Solubility in Water not soluble Specific Gravity less than 1

Percent Volatile by Weight n/a Evaporation Rate n/a

Appearance and Odor White Powder, Odorless

# Section IV - Fire and Explosion Hazard Data

Flash Point n/a Flammable Limits n/a

Extinguishing Media Foam, dry chemical, co2

Special Fire Fighting Procedures Wear NIOSH Approved Self-Contained Breathing

apparatus, evacuate personnel to a safe area. Wear full protective equipment

Unusual Fire and Explosion Haz. None

# Section V – Reactivity Data

Stability Stable

Conditions to Avoid None Incompatibilities None Hazardous Decomposition None

Hazardous Polymerization May Not Occur

#### Section VI - Health Hazard Data

Routes of Entry Primary: Inhalation

Signs and Symptoms of Exposure

Skin Contact Prolonged and repeated contact with skin can cause

defatting and drying of the skin resulting in skin irritation and dermatitis

Eye Contact preexisting eye, skin and respiratory disorders may be

aggravated by exposure to this product

Ingestion Although ingestion is unlikely, liquid would irritate upper

digestive tract if swallowed

Inhalation No information available.

### Medical Condition Generally Aggravated by Exposure

Emergency First Aid Procedure

Eyes Immediately flush eyes with plenty of water. Call a

physician

Skin Immediately wash skin with soap and water. Wash

contaminated clothing before reuse.

Ingestion Do not induce vomiting. Never give anything by mouth to

an unconscious person. Call a physician

Inhalation Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

#### **Section VII – Precautions for Safe Handling and Use**

Steps to be taken in case the material is released or spilled: Soak up with sawdust, sand, oil dry or other absorbent material.

Waste disposal method: As in accordance with EPA and local regulations.

# **Section VIII – Special Precautions**

Precautions to be taken in handling and storage: store in a well-ventilated place at temperatures below 120 F. Keep container tightly closed. Keep from freezing.

#### **Section IX Control Measures**

VentilationLocal ExhaustEye ProtectionSafety GlassesProtective glovesRubber or plasticProtective clothingRubber apron

Other Equipment NIOSH approved respirator as needed, eyewash equipent

Other Precautions Wash hands after use

# **Section X SARA Title III**

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 371:

**NONE** 

### **Hazard Ratings**

Health 1
Flammability 0
Reactivity 0

Date Prepared 10/19/2005

# **Section XI – Comments**

The statements contained herein are offered for informational purposes only and are based on technical data that there believed to be accurate. It is intended for use only by persons having the necessary technical skill, and at their own discretion and risk. Since conditions and manner of use are outside of our control, we make no warranty, expressed or implied of merchantability, fitness or otherwise.