

**MSDS - Material Safety Data Sheet****Product Name: Small Particle Reagent--White**

MSDS No.: SPR200

**I. Basic Information:**

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 02/02/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
J	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
139888	Niaproof 4	0.5						NE	NE		
13463677	Titanium dioxide	0.5						15 mg/m3	10 mg/m3	5 mg/m3	
7732185	Water (Distilled)	99.0						None	None	212 F	

**III. Hazardous Identification:**

Hazard Category:

 Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

May be harmful if inhaled, ingested, or absorbed through the skin. Respiratory and digestive tract irritant. May irritate skin and eyes.

The chemical, physical, and toxicological properties of tergitol have not been thoroughly investigated.

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

**Health Hazards (Acute and Chronic):**

Chronic: Skin drying and cracking

**Signs and Symptoms:**

Acute exposure: Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, vomiting

Inhalation: Cough, discomfort, difficulty breathing, shortness of breath

Skin: Rash

Eyes: Tearing, blurry vision

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**Medical Conditions Generally Aggravated by Exposure:**

Skin, eye, respiratory, liver, kidney diseases

**Emergency and First Aid Procedures:**

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: If victim is conscious and alert, rinse out mouth with water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

**Other Health Warnings:**

### ***V. Fire Fighting Measures:***

**Flash Point:** NE

**Lower Explosive Limit:** NE

**Upper Explosive Limit:** NE

**F.P. Method:**

**Fire Extinguishing Media:** Use proper extinguishing media suitable for surrounding fire.

**Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire and Explosion:**

Dust can pose explosion hazard if dispersed in air.

### ***VI. Accidental Release Measures:***

**Steps to be Taken in Case Material is Released or Spilled:**

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (sand or vermiculite recommended; do not use flammable substances such as sawdust). Ventilate and wash spill site after collection. Dispose according to local, state, and federal regulations.

### ***VII. Handling and Storage:***

**Precautions to be Taken:**

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Use only in well-ventilated areas. Avoid inhalation. Avoid contact with skin, eyes, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

**Other Precautions:**

### ***VIII. Exposure Controls/Personal Protection:***

**Ventilation Requirements:**

Use only in well-ventilated areas.

**Personal Protective Equipment:**

Safety goggles, gloves, dust & vapor respirator, protective clothing

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### IX. Physical and Chemical Properties:

**Boiling Point:** ~212 F

**Melting Point:** ~32 F

**Evaporation Rate (Butyl Acetate = 1):** NE

**Vapor Pressure (mm Hg.):** NE

**Specific Gravity (H<sub>2</sub>O = 1):**

**Vapor Density (AIR = 1):** NE

**Solubility In Water:** Partial

**Appearance and Odor:** White aqueous solution

**Other Information:**

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Ignition sources (heat, open flame, spark), strong oxidizing agents, strong bases and acids, acid chlorides and anhydrides, steel

**Decomposition/By Products:**

Carbon monoxide and dioxide, sulfur oxides

**Hazardous Polymerization:**

Will not occur.

### XI. Toxicological Information:

The toxicological properties of tergitol have not been thoroughly investigated.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

### XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid incompatible materials. Avoid inhalation. Avoid contact with skin, eyes, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

### XV. Regulatory Information:

All ingredients are listed on the TSCA inventory.

### XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

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