

**MATERIAL SAFETY DATA SHEET****MAGNAFLUX® WHITE CONTRAST PAINT WCP-2****1. IDENTIFICATION**

*Company:* MAGNAFLUX  
*Address:* 3624 West Lake Avenue, Glenview, Illinois 60026  
*Telephone No.:* 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).  
*Product Use:* Magnetic particle inspection aid  
*Packages:* Aerosols  
*NFPA Rating:* Health 1, Flammability 3, Reactivity 0  
*PIN (Canada):* None  
*Revision Date:* September 5, 2007

**2. HAZARDOUS INGREDIENTS**

<i>Ingredient</i>	<i>Wt./Wt. %</i>	<i>CAS #</i>	<i>TLV</i>	<i>PEL</i>	<i>LD<sub>50</sub></i>	<i>LC<sub>50</sub></i>
2-propanone	60-100	67-64-1	750 ppm	750 ppm	6 g/kg (oral/rat)	not avail.
Titanium oxide	10-30	13463-67-7	10 mg/m;	not avail.	24g/kg (oral/rat)	not avail.
Carbon dioxide (propellant)**	9	124-38-9	not avail.	5000 ppm	not avail.	not avail.

\*\*aerosol only

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
**Extremely flammable aerosol.**  
**Fast evaporating vapors can reach hazardous levels quickly in unventilated spaces.**

**POTENTIAL HEALTH EFFECTS**

*Skin Contact:* Can irritate by removing natural skin oils on long or repeated exposures.  
*Eyes:* Irritating  
*Inhalation:* Causes dizziness and nausea.  
*Ingestion:* Not significant in small (mouthful) amounts.  
*Medical conditions known to be aggravated by exposure to product:* None

**4. FIRST AID**

*Skin Contact:* Wash off with soap and water. Use soothing lotion.  
*Eyes:* Rinse carefully under upper and lower eyelids using plenty of water.  
*Inhalation:* Remove to fresh air if dizzy or nauseated.  
*Ingestion:* Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm.  
**NOTE:** In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

**5. FIRE HAZARD**

*Conditions of flammability:* Ignition will occur if used near flames, arcs or other ignition sources.  
*Flash point:* 2°F (-16°C) (Pensky-Martens closed cup).  
*Flammable limits in air:* 2% to 13%.  
*Extinguishing media:* Carbon dioxide, foam, water.  
*Special fire fighting procedures:* Keep containers cool with water spray.  
*Hazardous combustion products:* Soot, oxides of carbon.  
*Unusual fire hazards:* Aerosol cans may burst over 130°F (54°C) and add contents to existing fire.

**6. ACCIDENTAL RELEASE MEASURES**

Turn off or remove sources of ignition.  
Mop up or sweep up with absorbent. (For disposal, see Section 13).

**7. HANDLING AND STORAGE**

Avoid breathing vapors. Avoid eye contact. Avoid repeated or prolonged skin contact.  
Store away from heat source. Do not spray around arcs or flame.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Controls:* Use where ventilation will carry vapors away from occupied areas.  
*Personal protection:* Wear safety glasses to protect eyes. Wear nitrile rubber gloves if hand exposure is unavoidable. Respirator with filter if sprayed in enclosed, unventilated space.

## 9. PHYSICAL PROPERTIES

<i>Initial boiling point (bulk):</i>	133° F (55°C) (ASTM D-86)	<i>Vapor pressure:</i>	Aerosol: 110 psi @ 75°F(24°C)
<i>Percent volatile:</i>	80%	<i>Vapor density:</i>	2
<i>Density/sp.gravity:</i>	0.9	<i>Evaporation rate:</i>	1.5 of ether
<i>Water solubility:</i>	80%	<i>Appearance:</i>	White liquid
<i>pH:</i>	Neutral	<i>Odor:</i>	Acetone odor

## 10. STABILITY AND REACTIVITY

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	None
<i>Hazardous decomposition products:</i>	When burning, soot, oxides of carbon
<i>Reactivity:</i>	None

## 11. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value (Bulk):</i>	Not established.
<i>WHMIS information (Canada):</i>	According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

## 12. ECOLOGICAL INFORMATION

No data is available on WCP-2.

## 13. DISPOSAL

Send to a licensed waste facility for proper disposal.

<i>RCRA:</i>	Hazardous waste.
<i>U.S. EPA Waste Number:</i>	F003 and D001.

## 14. TRANSPORTATION

### **U.S. DOT: 49 CFR 172.101 Hazardous Materials Table**

<i>Proper shipping name:</i>	<u>Aerosol</u> Consumer commodity
<i>Hazard class or division:</i>	ORM-D
<i>Identification No.:</i>	None
<i>Packing Group:</i>	None

### **IATA: List of Dangerous Goods**

<i>Proper shipping name:</i>	<u>Aerosol</u> Aerosols, flammable
<i>Hazard class or division:</i>	2.1
<i>Identification No.:</i>	UN1950
<i>Packing Group:</i>	-

### **IMDG: General Index**

<i>Proper shipping name:</i>	<u>Aerosol</u> Aerosols
<i>Hazard class or division:</i>	2.1
<i>Identification No.:</i>	UN1950
<i>Packing Group:</i>	-

## 15. REGULATORY INFORMATION

<i>TSCA:</i>	All ingredients are listed in TSCA inventory.
<i>CERCLA:</i>	Reportable quantity (RQ) for Acetone = 5000 lbs.
<i>SARA TITLE III, Section 313:</i>	Acetone.
<i>California Proposition 65:</i>	Contains nothing on this list
<i>WHMIS Class (Canada):</i>	Aerosol: A, B-5, D-2B
<b>Note:</b>	This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

## 16. OTHER INFORMATION

<i>Revision Statement:</i>	Review Update
<i>Supersedes:</i>	October 29, 2004
<i>Prepared by:</i>	Tamie Simmons, R&D Manager