

MATERIAL SAFETY DATA SHEET

MAGNAFLUX® WHITE CONTRAST PAINT WCP-2

1. IDENTIFICATION

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60025
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: April 16, 2010

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
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 ³	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.
 Storage Level 2 Aerosols per NFPA 30B

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

IATA: List of Dangerous Goods

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

IMDG: General Index

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

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
Note:	This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. OTHER INFORMATION

<i>Revision Statement:</i>	Section 7
<i>Supersedes:</i>	September 5, 2007
<i>Prepared by:</i>	Tamie Simmons, R&D Manager