

MATERIAL SAFETY DATA SHEET

MAGNAVIS[®] WHITE CONTRAST PAINT WCP-2

1. IDENTIFICATION

COMPANY : ITW INDIA PRIVATE LIMITED
ADDRESS : PLOT NO 51, 52,207 & 208, PHASE – 2, IDA
TSIIC, PASHAMMYLARAM,
MEDAK – 502 307, TELANGANA
INDIA.
TELEPHONE : 91 – 8455 – 224710
FAX : 91 – 8455 – 224709
PRODUCT USE : White Contrast paint used in Magnetic Particle Inspection
PACKAGES : 420 ml aerosol
NFPA Rating : Health 1, Flammability 4, Reactivity 0.
Revision Date : March 12, 2015.

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt/Wt%</u>	<u>CAS#</u>	<u>TLV</u>	<u>PEL</u>	<u>LD 50</u>	<u>LC 50</u>
2-Propanone	60-100	67-64-1	750ppm	750ppm	6g/Kg (oral/rat)	NA
Titanium oxide	10-30	13463-67-7	10mg/m3	NA	24g/Kg (oral/rat)	NA
Iso-butane(propellant)	30	75-28-5	NA	1000ppm	NA	NA

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 : Vapors may cause dizziness or nausea
Ingestion : Not significant in small(mouthful)quantities
Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact : Wash off with soap 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 small mouthful quantity is not expected to cause significant harm
NOTE: In all severe cases, contact physician immediately.

5. FIRE HAZARD

Conditions of flammability : Ignition can occur if used near flames, arcs or other ignition sources
Flash point : 2 deg F (-16 deg C) (PMCC)
Flammable limits in air : 2 to 13%
Extinguishing media : Carbon dioxide, Foam, Water, DCP
Special fire fighting procedures : Keep containers cool with water spray.
Hazardous combustion products : Smoke, soot, oxides or carbon. Burning vapour may give off toxic fumes.
Unusual fire hazards : Aerosol cans may burst over 55 deg C and add contents to fire

6. ACCIDENTAL RELEASE MEASURES

Mop up or Sweep up with absorbent (For disposal see Section 13)

7. HANDLING AND STORAGE

Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist.
Keep away from sources of ignition. Take measures to prevent build up of electro static charge.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL PROPERTIES

Initial boiling point (bulk)	: 56 deg C	Vapor pressure	: 185 mm Hg @ 20 deg C
Percent Volatile	: 70%	Vapor density	: Heavier than air
Density/sp. gravity	: 0.93 g/cm ³	Evaporation rate	: 770 (BuAc=100)
Water solubility	: 70%	Appearance	: Aerosol containing mobile ,white liquid
pH	: Neutral	Odor	: Solvent-alcoholic

10. STABILITY AND REACTIVITY

Stability : Stable
Incompatibility : None
Hazardous decomposition products : Soot, oxides of carbon if heated to combustion temperatures
Reactivity : None

11. TOXICOLOGICAL INFORMATION

Carcinogenicity : Contains no known or suspected carcinogens listed with OSHA, IARC, NTP or ACGIH
Threshold limit value : Not established
WHMIS information (Canada) : According to available information, the ingredients have not been found to show reproductive toxicity, Teratogenicity, Mutagenicity, Skin sensitization, or Synergistic toxic effects with other material.

12. ECOLOGICAL INFORMATION

No data is available on WCP-2

13. DISPOSAL

All Disposal practices must be in compliance with all local laws and regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORTATION

IATA : List of Dangerous goods

Proper shipping name : Aerosols, flammable
Hazard class or division : 2.1
Identification No. : UN 1950
Packing Group : N/A

IMDG : General Index

Aerosols, flammable
2.1
UN 1950
N/A

15. REGULATORY INFORMATION

TSCA : All ingredients are listed in TSCA inventory.
CERCLA : Reportable quantity (RQ) for Acetone = 5000 lbs
SARA TITLE III, Section 313 : Acetone
California Proposition 65 :Warning : Contains nothing in this list
WHMIS Class (Canada) : 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

Revision Statement : New
Prepared by : Sunil N S, Q.C Dept..