

# MATERIAL SAFETY DATA SHEET

## 1204/2

Note: Read and understand Material Safety Data Sheet before handling or disposing off the product.

MSDS No.12041102/01 Date of Issue: February 01, 2011

### SECTION 1 - Product & Company Identification:

Company Name	FERROCHEM NDT SYSTEMS PVT. LTD. WORKS/OFFICE: C-98, ADDL JEJURI MIDC, JEJURI, TAL: PURANDAR, PO BOX 1, DIST: PUNE-412303, INDIA.
Telephone numbers	TEL:0091-92722 30385/ 30386/ 17690/ 00829.
E-mail ID	E-mail: <a href="mailto:ferro@pn2.vsnl.net.in">ferro@pn2.vsnl.net.in</a> • <a href="mailto:ferrochem@yahoo.in">ferrochem@yahoo.in</a>
Contact Person	A. L. Datar (CEO)
Product / Item Code	White contrast /1204/2
Packing	420 ml in Aerosol can.
Product Description	White Contrast, white colored liquid (Crack Check White Contrast) For crack detection by MPI testing.

### SECTION 2 - Information on Ingredients

Components	CAS No.	Quantity in (%)by weight
Propane / Butane Mixture	68476-85-7	20-40%
β Ketopropane	67-63	55-85%
Organic Polymer	NA	5-8%

### SECTION 3 - Health Hazards

Eyes	May cause minimal irritation.
Skin	Not expected to be acutely toxic by skin contact.
Inhalation	Not expected to be acutely toxic by inhalation.
Ingestion	Not expected to be acutely toxic by ingestion.

### SECTION 4 - Emergency / First Aid Procedure

Eyes	Flush thoroughly with plenty of water for at least 15 minutes & obtain medical attention.
Skin	Flush thoroughly with plenty of soap & water.
Inhalation	Remove exposed person from to fresh air & gargling by water get medical attention if respiratory irritation develops.
Ingestion	Rinse the inside of mouth with water. If rapid recovery dose not occur. Obtain medical attention.
Note to physician	Treat symptomatically.

### SECTION 5 - Fire Fighting Measures

Extinguishing Media	Use ABC type fire extinguishers
Special Risks	Propellant gas being LPG, high temperature and fire should be avoided.
Special Protective Equipment for Firefighters	Wear self-contained breathing apparatus

### SECTION 6 - Accidental Relief Measure

Ventilate the area, clean up with a vacuum cleaner or sweep up without causing dust.
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### SECTION 7 - Handling & Storage

Handling	Use gloves, safety goggles and respiratory protection equipment. Provide good ventilation of working area (local exhaust ventilation if necessary). After handling, wash hands and gargle well.
Storage	Preferably store inside well-ventilated area and do not store under direct Sunbeam. Keep container closed. Avoid humid atmosphere.

**SECTION 8 - Exposure Controls/ Personal Protection**

Respiratory Protection	Dust proof mask.
Hand Protection	Use gloves and wash hands after handling.
Eye Protection	Dust - proof goggles or face shield, optional.
Ventilation	No special ventilation is usually necessary.
Other clothing and Equipment	No special clothing or equipment usually necessary.

**SECTION 9 - Physical and Chemical Properties:**

Peculiar Odour	Mixed Solvent Odour.
Solubility	In-Soluble in water
Specific gravity/Density	0.84+/-0.02
Flash Point (By Abel's close cup method)	Below 3 °C
P <sup>H</sup> Value	Neutral

**SECTION 10 - Stability & Reactivity**

Stability	Chemically Stable and Inert at room temperature.
Thermal Decomposition	NDA
Hazardous Polymerization	Will not occur.

**SECTION 11 - Toxicological Information**

Skin irritation	None.
Eye irritation	None.
Sensitization	NDA.
Sub acute toxicity	NDA.

**SECTION 12 - Ecological Information**

Biodegradable	The material is biodegradable.
Environmental fate	No ecological damage or impact anticipated upon exposure to environment.

**SECTION 13 – Disposal**

Ensure that the can to be disposed off is empty or treat them as follows: a) Puncture a small hole on the top of the can in well-ventilated area away from the fire. b) Remove the gas completely and pour the material in a container. Smash the can. Dispose off can as industrial waste. Dispose off the material as EPA hazardous waste.

**SECTION 14 - Transport Information**

This item does not fall under the hazardous class of packing and packaging.

<b>AIR TRANSPORT (Cargo and Passenger Aircraft)</b>	
UN No.	1950
IMDG Code	4G
Class	2.1
Id. No.	-
Packing Instruction	P003
Packing Type	-
<b>MARITIME TRANSPORT</b>	
IMDG CODE	NA
Class	
Packing Instruction	
Packing Provisions	
Packing Type	

**SECTION 15 - Regulatory Information**

Aerosol Flammable

**SECTION 16 - Other Information**

This product is for industrial use only. Please do not take it internally.