

**FERROCHEM NDT SYSTEMS PVT. LTD.**  
**MATERIAL SAFETY DATA SHEET**  
**FC-911**

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

MSDS No.FC-911/1301/29      Date of Issue: January 29, 2013

**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:info@ferrochem.net">info@ferrochem.net</a>
Contact Person	A. L. Datar (CEO)
Product / Item Code	Crack Check Red Dye Penetrant Solvent Removable / FC-911
Packing	1 Lit. in Tin Can
Product Description	Solvent-Removable Red Penetrant (Type II, Method C) For crack detection by Liquid Penetrant Inspection Method.

**SECTION 2 - Information on Ingredients**

Components	CAS No.	Quantity in (%)by weight
Hydrocarbon solvent	64742-89-8	60-70%
Red Pigment, Plasticizer	64742-52-5 25496-72-4	40-30%

**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	Do not puncture and keep away from direct flame.
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 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 Odor	Mixed Solvent Odor.
Solubility	Insoluble in water.
Specific gravity/Density	0.80 (+/-0.02)
Flash Point (By Abel's close cup method)	98 ° C minimum.
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**

Waste may be disposed off by a licensed disposal firm. Place contaminated materials in disposable containers & dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material. 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</b> (Cargo and Passenger Aircraft)	
UN No.	NA
IMDG Code	
Class	
Id. No.	
Packing Instruction	
Packing Type	
<b>MARITIME TRANSPORT</b>	
IMDG CODE	NA
Class	
Packing Instruction	
Packing Provisions	
Packing Type	

**SECTION 15 - Regulatory Information**

Flammable. Follow all regulation in your country.

**SECTION 16 - Other Information**

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

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 N. A.: Not Applicable      N. D. A.: No Data Available