

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### 1.1. Product identifier

Product form : Article  
Name : Zerust® Multimetal VCI Paper  
Other means of identification : -

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Packaging Corrosion inhibitors

#### 1.3. Details of the supplier of the safety data sheet

Harita NTI Limited  
A3, First Main Road  
Ambattur Industrial Estate  
Ambattur,  
Chennai – 600 058

#### 1.4. Emergency telephone number

Emergency number : + 91-9940644909 / +91 – 9940266332

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

Not classified as dangerous for supply/use.

#### 2.2. Label elements (CLP/GHS)

No labelling applicable

#### 2.3. Other hazards (CLP/GHS)

Other hazards not contributing to the classification : None known.

#### 2.4. Unknown acute toxicity (CLP/GHS)

No data available

### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substance

Not applicable  
Full text of H-phrases: see section 16

#### 3.2. Mixture

This product is considered an article under definitions within OSHA 1910.1200 (Haz com 2012) and Canada's Workplace Hazardous Materials Information System (WHMIS) as described in the Hazardous Products Act (HPA). This product due to its form can release only controlled trace amounts of chemical(s) over time and does not pose a physical or health hazard to users.

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse cautiously with water for several minutes.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### **SECTION 5: Fire fighting measures**

#### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use water jet.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for fire fighters

- Fire fighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
- Protection during fire fighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place. Keep container closed when not in use. Protect from moisture.  
 Incompatible products : Strong bases. Strong acids.  
 Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Zerust ® Multimetal VCI Kraft Paper		
USA OSHA	Remark (OSHA)	No occupational exposure standards have been developed for this material

### 8.2. Exposure controls

Appropriate engineering controls : If the occupational exposure limit is exceeded: Ensure adequate ventilation.  
 Personal protective equipment : Gloves. Avoid all unnecessary exposure.



Hand protection : Wear protective gloves.  
 Eye protection : Chemical goggles or safety glasses.  
 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.  
 Other information : Do not eat, drink or smoke when using this product.

## **SECTION 9: Physical and chemical properties**

Physical state : Solid  
 Appearance : Paper  
 Colour : Brown  
 Odour : Characteristic.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue: 06/15/2016

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Version: 2.0

Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Nitrogen oxides. Carbon monoxide. Carbon dioxide. vapours. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified

**SECTION 12: Ecological information**

**12.1. Toxicity**

No additional information available

**12.2 Persistence and degradability**

Persistence and degradability	Not established.
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**12.3 Bioaccumulative potential**

Bioaccumulative potential	Not established.
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**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

Other information : Avoid release to the environment

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

- Waste treatment methods : Recycle or dispose of in compliance with current legislation.
- Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
- Additional information : Product in unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive and not toxic).
- Ecology - waste materials : Avoid release to the environment.

**SECTION 14: Transport information**

In accordance with DOT  
Not a dangerous good in sense of transport regulations

**Additional information**

Other information : No supplementary information available.

**Transport by sea**

No additional information available

**Air transport**

No additional information available

**SECTION 15: Regulatory information**

**15.1. US Federal regulations**

No additional information available

**15.2. International regulations**

<b>Zerust® Multimetal VCI Paper</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

### EU-Regulations

No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Not classified

### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## **SECTION 16: Other information**

Data sources	:	Classification according to Regulation (EC) No. 1272/2008 [CLP]. Classification according to Directive 67/548/EEC or 1999/45/EC. Classification GHS-UN (SDS-16).
Other information	:	None.

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