



# Material Safety Data Sheet

## SAKSHI TC 100, PART C, RED OXIDE

### 1. Product and company identification

Product name **SAKSHI TC 100, PART C, RED OXIDE**  
EPOXY BASED TOP COAT, PIGMENT PASTE

Intended use Refer technical data sheet  
For Industrial use only

Application method Brush/Roller/Spray/ Pouring

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### 2. Composition/Information on ingredients

This product contains the following substances that present a health hazard within the meaning of the Dangerous Substances Directive and Chemical Regulation:

Ingredient	CAS No	Concentration Range%
Epoxy Polymer	25085-99-8	40-50
Alkyl Glycidyl Ether	68609-97-2	05-10
Red Oxide Pigment	1309-37-1	25-40

Total may not equal 100%. The rest of the ingredients in this product are classified as non-hazardous.

### 3. Hazard identification of the product



Warning

#### Hazard Statements

- Causes skin irritation
- Causes serious eye irritation
- May cause an allergic skin reaction
- Suspected of causing genetic defects
- May damage fertility or the unborn child
- May cause damage to organs through prolonged or repeated exposure
- Toxic to aquatic life with long lasting effects



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## 4. First aid measures

### General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

### Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

### Eye Contact

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

### Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

### Ingestion

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## 5. Fire-fighting measures

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Do not use – water jet.

Note: Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

## 6. Accidental release measures

**Personal precautions:** Ensure adequate ventilation. Do not breathe vapour/dust. Use personal protective Equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Environmental precautions:** Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal Binder, sawdust). Sweep up and shovel into suitable containers for disposal.

## 7. Handling and storage

### Handling

#### Technical

#### Measures/precautions:

Provide sufficient air exchange and/or exhaust in work rooms.

**Safe handling advice:** Do not breathe vapors or spray mist. In case of insufficient ventilation, wear suitable Respiratory equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

#### Storage

#### Technical measures/storage

#### conditions:

Store at room temperature in the original container.

**Incompatible products:** See Section 10, Materials to avoid.

**Safe storage temperature:** 50 - 100 °F

**Shelf life:** 1 year



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### 8. Exposure controls and personal protection

#### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

#### Exposure Limits-NOT KNOWN

The following occupational exposure limits have been established by the Health and Safety Department.

#### Respiratory Protection

When concentrations exceed the exposure limits shown above, workers must wear appropriate approved respirators. Provision of other controls such as exhaust ventilation should be considered if practical.

#### Eye Protection

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. Eyewear should comply with an approved standard.

Wear a full face shield if mixing or pouring operations pose a risk of splashes.

An eye wash station is suggested as a good working place practice.

#### Hand Protection

Gloves of an appropriate material should be worn during mixing and application.

#### Skin Protection

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

**Hygiene measures:** Avoid contact with skin, eyes and clothing.



### 9. Physical and chemical properties

Physical State	Paste
Colour	RED OXIDE
Flash Point (deg C)	more than 35
Specific Gravity @ 30deg C	1.30± 0.05 (Depends on shade)
Vapour Density	Heavier than air
Lower Explosive Limit%	not measured
R.A.Q. to ventilate to 10% of the LEL (M3/l)	not measured
Solubility in Water	Immiscible
Viscosity (cST)	Not applicable
Odour	specific



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## 10. Stability and reactivity

<b>STABILITY —</b>	<b>Stable</b>
<b>CONDITIONS TO AVOID</b>	None known.
<b>INCOMPATIBILITY</b>	None known.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> By fire:	Carbon Dioxide, Carbon Monoxide
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur

## 11. Toxicological information

There are no data available on the product itself.

### Information on likely routes of exposure

- Inhalation** May cause irritation of respiratory tract.
- Eye Contac** Irritating to eyes.
- Skin Contact** Irritating to skin. May cause sensitization by skin contact.
- Ingestion -** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 12. Ecological information

There are no data available on the product itself.  
 The product should not be allowed to enter drains or water courses.  
 The product does not contain any substances classified as dangerous for the environment.

## 13. Disposal considerations

Do not allow any drains or water courses. Wastes and empty containers should be disposed of in accordance with your local hazardous waste regulatory authority Or as per Pollution Act and Environmental Protection Act.

## 14. Transport information

Transport only in accordance with the following regulations:

<b>Proper shipping name:</b>	Not Regulated
<b>IMDG reference</b>	<b>UN no.:</b> UN3082
	<b>Proper shipping name:</b> Environmentally Hazardous substance, liquid, n.o.s. (Epoxy resin)
	<b>Class:</b> 9
	<b>Packing group:</b> III
	<b>EMS:</b> F-A; S-F, MARINE POLLUTANT
<b>IATA/ICAO:</b>	<b>UN no.:</b> UN3082
	<b>Proper shipping name:</b> Environmentally Hazardous substance, liquid, n.o.s. (Epoxy resin)
	<b>Hazard Class:</b> 9
	<b>Packing group:</b> III, MARINE POLLUTANT



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### 15. Regulatory information

The product complies with local regulations, local Pollution Control Act, Environmental Pollution Act.

### 16. Other information

**Sources of key data used to compile** Material safety data sheets of the ingredients.

**Data sheet:**

**Prepared by:** Safety, Health and Environmental Department, SAKSHI COATING PVT.LTD

**Revision Date:** 01/12/2018

**Reason for revision:** New Format.

The information on this MSDS is based upon the present state of our knowledge and on current national laws. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation. Copies of product data sheet are available from SAKSHI COATING PVT.LTD., on request.