



Material Safety Data Sheet

SAKSHI CV 41, PART A&B

1. Product and company identification

Product name SAKSHI CV 41– BASE, PART – (A &C)
 EPOXY BASED COVING FINISH COAT
 Intended use Refer technical data sheet
 For Industrial use only
 Application method Brush/Roller/Spray/ Pouring
 Company name SAKSHI COATING PVT.LTD.
 Unit No.2, Opp. Mhatre Compound,
 Gothivali Road
 Rabale, Navi Mumbai – 400 701, India
 Telephone No. +91 22 6561 6751
 E-mail sakshihitech@gmail.com
 Website www.sakshihitech.com

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%
Diglycidyl Ether of Bisphenol A	25068-38-6	30-50
Bisphenol F epoxy resin	9003-36-5	5- 10
Calcium carbonates	000471-34-1	10 -15
Talc	014807-96-6	10 - 15
Titanium Dioxide	13463-67-7	01- 5

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, CO₂, 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.

Exposure Limits

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

Calcium carbonates ACGIH TLV 10 mg/m³ as Dust

TALC OSHA PEL 10 mg/m³ Total Dust

Titanium Dioxide OSHA PEL 5 mg/m³ Respirable Fraction

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	Liquid
Colour	Clear Brown
Flash Point (deg C)	more than 135
Specific Gravity @ 30deg C	1.55±0.03
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

STABILITY —	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	None known.
HAZARDOUS DECOMPOSITION PRODUCTS By fire:	Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION	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:

Proper shipping name:	Not Regulated
IMDG reference	UN no.: UN3082
	Proper shipping name: Environmentally Hazardous substance, liquid, n.o.s. (Diglycidyl Ether of Bisphenol A)
	Class: 9
	Packing group: III
	EMS: F-A; S-F
IATA/ICAO:	UN no.: UN3082
	Proper shipping name: Environmentally Hazardous substance, liquid, n.o.s. (Diglycidyl Ether of Bisphenol A)
	Hazard Class: 9
	Packing group: III



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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: 25/02/2019

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.

Material Safety Data Sheet

SAKSHI CV 41, PART A&B

1. Product and company identification

Product name	SAKSHI CV 41 – HARDNER, PART – B EPOXY BASED COVING FINISH COAT
Intended use	Refer technical data sheet For Industrial use only
Application method	Brush/Roller/Spray/ Pouring
Company name	SAKSHI COATING PVT.LTD. Unit No.2, Opp. Mhatre Compound, Gothivali Road Rabale, Navi Mumbai – 400 701, India
Telephone No.	+91 22 6561 6751
E-mail	sakshihitech@gmail.com
Website	www.sakshihitech.com

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%
Modified Cycloaliphatic Polyamine	PROPRIETARY	10-20
Trimethylolpropane polyoxypropylenetriamine	39423-51-3	10-15
Para-tertiary-butyl phenol	98-54-4	10-20
Nonyl phenol	25154-52-3	5-10
1, 6-Hexanediamine, C,C,C-trim ethyl-	25620-58-0	2-5
1, 3-Benzenedimethanamine	1477-55-0	5-10

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
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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, CO₂, 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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SAKSHI CV 41, PART A&B

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.

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

Skin Protection

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



9. Physical and chemical properties

Physical State	Liquid
Colour	CLEAR
Flash Point (deg C)	more than 135
Specific Gravity @ 30deg C	0.92±0.03
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



Material Safety Data Sheet

SAKSHI CV 41, PART A&B

10. Stability and reactivity

STABILITY —	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	None known.
HAZARDOUS DECOMPOSITION PRODUCTS By fire:	Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION	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 the 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:

Proper shipping name:		Not Regulated
IMDG reference	UN no	UN2922
	Proper shipping name	Corrosive liquid, toxic, n.o.s. (Trimethylolpropane polyoxypropylene triamine and benzene-1,3-Dimethaneamine (MXDA))
	Class:	8
	Subsidiary class:	6.1
	Packing group:	III
	EMS:	F-A, S-B
IATA/ICAO:	UN no.:	UN2922
	Proper shipping name:	Corrosive liquid, toxic, n.o.s. (Trimethylolpropane polyoxypropylene triamine and benzene-1,3-Dimethaneamine (MXDA))
	Hazard Class:	8
	Subsidiary class:	6.1
	Packing group:	III



Material Safety Data Sheet

SAKSHI CV 41, PART A&B

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: 25/02/2019

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