



Material Safety Data Sheet

Sikafloor 130 Part R

1. Product and company identification

Product name : Sikafloor 130 Part R
Supplier : Sika Corporation, Construction
201 Polito Avenue
Lyndhurst, NJ 07071
www.sikaconstruction.com
Telephone no. : (201) 933 - 8800
Fax no. : (201) 804 - 1076
In case of emergency : CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887
Manufacturer : Sika Corporation, Operations
201 Polito Avenue
Lyndhurst, NJ 07071
www.sikacorp.com
Telephone no. : (201) 933 - 8800
Validation date : 8. October 2008.
Print date : 8. October 2008.
Product type : Epoxy Compound

2. Composition/information on ingredients

| <u>Name</u> | <u>CAS number</u> | <u>%</u> |
|----------------------|-------------------|----------|
| Epoxy Resin | Mixture | 60 - 100 |
| Modified Epoxy Resin | Mixture | 5 - 20 |
| nonylphenol | 25154-52-3 | 5 - 20 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential acute health effects

Inhalation : Irritating to respiratory system. May cause sensitization by inhalation.
Ingestion : Harmful if swallowed.
Skin : Irritating to skin. May cause sensitization by skin contact.
Eyes : Irritating to eyes.

See toxicological information (section 11)

4. First aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. Get medical attention.
Skin contact : No known significant effects or critical hazards.
Inhalation : Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. Maintain an open airway. In the event of any complaints or symptoms, avoid further exposure.

4 . First aid measures

- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5 . Fire-fighting measures

- Flammability of the product** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Extinguishing media**
- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.
- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7 . Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

7 . Handling and storage

retain product residue and can be hazardous. Do not reuse container.

Storage

- : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8 . Exposure controls/personal protection

Product name

2-methylpentane-2,4-diol

Exposure limits

ACGIH TLV (United States, 1/2007).

C: 25 ppm

C: 121 mg/m³

OSHA PEL 1989 (United States, 3/1989).

CEIL: 25 ppm

CEIL: 125 mg/m³

NIOSH REL (United States, 12/2001).

CEIL: 25 ppm

CEIL: 125 mg/m³

Engineering measures

- : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory

- : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands

- : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes

- : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin

- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9 . Physical and chemical properties

Physical state

- : liquid.

Flash point

- : Closed cup: >93.3°C (>199.9°F)

Density

- : 1.1 g/cm³ [20°C (68°F)]

10 . Stability and reactivity

- Stability** : The product is stable.
- Conditions to avoid** : No specific data.
- Materials to avoid** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

11 . Toxicological information

Potential chronic health effects

- Chronic effects** : Contains material that may cause target organ damage, based on animal data. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Acute toxicity

- Conclusion/Summary** : Not available.

12 . Ecological information

- Environmental effects** : No known significant effects or critical hazards.

13 . Disposal considerations

- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Additional information |
|---------------------------|--|----------------------|-------------------------------------|-------------------------------------|------------------------|
| DOT Classification | <input checked="" type="checkbox"/> Not regulated. | | <input checked="" type="checkbox"/> | - | - |
| TDG Classification | <input checked="" type="checkbox"/> Not regulated. | | <input checked="" type="checkbox"/> | - | - |
| ADR/RID Class | <input checked="" type="checkbox"/> Not regulated. | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | - |
| IMDG Class | <input checked="" type="checkbox"/> Not regulated. | | <input checked="" type="checkbox"/> | - | - |
| IATA-DGR Class | <input checked="" type="checkbox"/> Not regulated. | | <input checked="" type="checkbox"/> | - | - |

PG* : Packing group

15 . Regulatory information

- U.S. Federal regulations** : TSCA 8(a) PAIR: 2-methoxy-1-methylethyl acetate; nonylphenol
United States inventory (TSCA 8b): All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: 2-methylpentane-2,4-diol; nonylphenol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-methylpentane-2,4-diol: Immediate (acute) health hazard; nonylphenol: Immediate (acute) health hazard
Clean Water Act (CWA) 307: ethylbenzene; toluene; benzene; phenol
Clean Water Act (CWA) 311: xylene; ethylbenzene; toluene; benzene; phenol
Clean Air Act (CAA) 112 accidental release prevention: 1,3-butadiene
Clean Air Act (CAA) 112 regulated flammable substances: 1,3-butadiene
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.
- State regulations** : **Connecticut Carcinogen Reporting**: None of the components are listed.
Connecticut Hazardous Material Survey: None of the components are listed.
Florida substances: None of the components are listed.
Illinois Chemical Safety Act: None of the components are listed.
Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.
Louisiana Reporting: None of the components are listed.
Louisiana Spill: None of the components are listed.
Massachusetts Spill: None of the components are listed.
Massachusetts Substances: The following components are listed: NONYLPHENOL; HEXYLENE GLYCOL
Michigan Critical Material: None of the components are listed.
Minnesota Hazardous Substances: None of the components are listed.
New Jersey Hazardous Substances: The following components are listed: ALKYL PHENOL, n.o.s.; HEXYLENE GLYCOL
New Jersey Spill: None of the components are listed.
New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.
New York Acutely Hazardous Substances: None of the components are listed.
New York Toxic Chemical Release Reporting: None of the components are listed.
Pennsylvania RTK Hazardous Substances: The following components are listed: PHENOL, NONYL-; 2,4-PENTANEDIOL, 2-METHYL-
Rhode Island Hazardous Substances: None of the components are listed.

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

| <u>Ingredient name</u> | <u>Cancer</u> | <u>Reproductive</u> | <u>No significant risk level</u> | <u>Maximum acceptable dosage level</u> |
|------------------------|---------------|---------------------|--|--|
| ethylbenzene | Yes. | No. | No. | No. |
| benzene | Yes. | Yes. | 6.4 µg/day (ingestion) 13 µg/day (inhalation) | 24 µg/day (ingestion) 49 µg/day (inhalation) |
| 1,3-butadiene | Yes. | Yes. | Yes. | No. |
| toluene | No. | Yes. | No. | 7000 µg/day (ingestion) 13000 µg/day (inhalation) |

- United States inventory (TSCA 8b)** : All components are listed or exempted.

16 . Other information

Hazardous Material Information System (U.S.A.) :

| | | |
|-------------------------------|---|---|
| Health | * | 2 |
| Flammability | | 1 |
| Physical hazards | | 0 |
| Personal Protection Equipment | | C |

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The customer is responsible for determining the PPE code for this material.

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✓ Indicates information that has changed from previously issued version.

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