

1. Identification

| Product name | : | Sikadur®-55 SLV Part B |
|---|---|--|
| Supplier | : | Sika Corporation |
| Address | : | 201 Polito Avenue Lyndhurst, NJ 07071 USA www.sikausa.com |
| Telephone | : | (201) 933-8800 |
| Telefax | : | (201) 804-1076 |
| Emergency telephone | : | CHEMTREC: 800-424-9300 INTERNATIONAL: 703-527-3887 ehs@sika-corp.com |
| Recommended use of the chemical and restrictions on use | : | For further information, refer to the product technical data sheet. |

2. Hazards identification

GHS Classification

Acute toxicity, Category 4 (Oral) Acute toxicity, Category 4 (Dermal) Skin corrosion, Category 1B Serious eye damage, Category 1 Skin sensitization, Category 1

GHS Label element

Hazard pictograms

Signal Word

Hazard Statements

- H302: Harmful if swallowed. H312: Harmful in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H318: Causes serious eye damage.
- H317: May cause an allergic skin reaction.



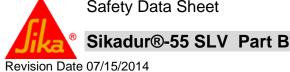
: H302 + H312 Harmful if swallowed or in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.

Precautionary Statements

Prevention:
 P260 Do not breathe dust or mist.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or



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doctor/ physician if you feel unwell. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomitina. P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/ physician. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P363 Wash contaminated clothing before reuse. Storage: P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. Warning : Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.

See Section 11 for more detailed information on health effects and symptoms.

3. Composition/information on ingredients

Hazardous ingredients

| Chemical Name | CAS-No. | Concentration (%) |
|---------------------------------------|------------|-------------------|
| Isophoronediamine | 2855-13-2 | >= 25 - < 50 % |
| Benzyl alcohol | 100-51-6 | >= 10 - < 20 % |
| Phenol, styrenated | 61788-44-1 | >= 10 - < 20 % |
| 2-piperazin-1-ylethylamine | 140-31-8 | >= 10 - < 20 % |
| 2,4,6-tris(dimethylaminomethyl)phenol | 90-72-2 | >= 5 - < 10 % |
| Salicylic acid | 69-72-7 | >= 2 - < 5 % |
| bis[(dimethylamino)methyl]phenol | 71074-89-0 | >= 1 - < 2 % |

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.

4. First aid measures

If inhaled

: Move to fresh air. Consult a physician after significant exposure.



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| In case of skin contact | : | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. |
| In case of eye contact | : | Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing. |
| If swallowed | : | Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital. |
| Most important symptoms and effects, both acute and delayed | : | Health injuries may be delayed. corrosive effects sensitizing effects Gastrointestinal discomfort Allergic reactions Dermatitis Skin disorders See Section 11 for more detailed information on health effects and symptoms. |
| Protection of first-aiders | : | Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance. |
| Notes to physician | : | Treat symptomatically. |

5. Fire-fighting measures

| Suitable extinguishing media | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. | |
|--|--|----|
| Specific extinguishing methods | Collect contaminated fire extinguishing water separately. The must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. | |
| Special protective equipment for fire-fighters | : In the event of fire, wear self-contained breathing apparatus | S. |

6. Accidental release measures

| Personal precautions, | : Use personal protective equipment. | |
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| protective equipment and | Deny access to unprotected persons. | |

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| emergency procedures Environmental precautions | Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. |

7. Handling and storage

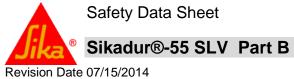
| Advice on safe handling | Avoid exceeding the given occupational exposure limits (se section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixturbeing used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemica products. | e is |
|-----------------------------|--|------|
| Conditions for safe storage | Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed ar kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations. | ıd |
| Materials to avoid | no data available | |

8. Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

Personal protective equipment

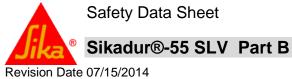
| Respiratory protection | Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. |
|------------------------|--|
| | The filter class for the respirator must be suitable for the maximum expected contaminant concentration |



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| | (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. |
| Hand protection Remarks | : 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. |
| Eye protection | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary. |
| Skin and body protection | : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. |
| Hygiene measures | Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling. |

9. Physical and chemical properties

| Appearance | | liquid |
|---|---|---------------------|
| Color | : | light yellow |
| Odor | : | amine-like |
| Odor Threshold | : | no data available |
| Flash point | : | > 212 °F (> 100 °C) |
| Ignition temperature | : | not applicable |
| Decomposition temperature | : | no data available |
| Lower explosion limit (Vol%) | : | no data available |
| Upper explosion limit (Vol%) | : | no data available |
| Flammability (solid, gas) | : | no data available |
| Oxidizing properties | : | no data available |
| Autoignition temperature | : | no data available |
| рН | : | no data available |
| Melting point/range / | : | no data available |
| Freezing point Boiling point/boiling range | : | no data available |



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| Vapor pressure | : | no data available | |
| Density | : | 0.97 g/cm3 at 73 °F (23 °C) | |
| Water solubility | : | Note: soluble | |
| Partition coefficient: n- octanol/water | : | no data available | |
| Viscosity, dynamic | : | no data available | |
| Viscosity, kinematic | : | > 20.5 mm2/s at 104 °F (40 °C) | |
| Relative vapor density | : | no data available | |
| Evaporation rate | : | no data available | |
| Burning rate | : | no data available | |
| Volatile organic compounds (VOC) content | : | 13 g/l A+B Combined | |

10. Stability and reactivity

| Reactivity | : No dangerous reaction known under conditions of normal use. |
|------------------------------------|---|
| Chemical stability | : The product is chemically stable. |
| Possibility of hazardous reactions | : Stable under recommended storage conditions. |
| Conditions to avoid | : no data available |
| Incompatible materials | : no data available |

11. Toxicological information

Acute toxicity

Product

| Acute oral toxicity | : | no data available |
|---------------------------|---|-------------------|
| Acute inhalation toxicity | : | no data available |
| Acute dermal toxicity | : | no data available |

Ingredients:

| Isophoronediamine : | | | |
|---------------------|---|----------------|-------------|
| Acute oral toxicity | : | LD50 Oral rat: | 1,030 mg/kg |

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| Benzyl alcohol : Acute oral toxicity | : LD50 Oral rat: 1,230 mg/kg |
|--|--|
| Acute inhalation toxicity | : LC50 rat: 4.178 mg/l Exposure time: 4 h Test atmosphere: dust/mist |
| Phenol, styrenated : Acute oral toxicity | : LD50 Oral rat: 2,500 mg/kg |
| Acute dermal toxicity | : LD50 Dermal rat: > 5,000 mg/kg |
| 2-piperazin-1-ylethylamine : Acute oral toxicity | : LD50 Oral rabbit: ca. 2,097 mg/kg |
| Acute dermal toxicity | : LD50 Dermal rabbit: ca. 866 mg/kg |
| Salicylic acid : Acute oral toxicity | : LD50 Oral rat: 891 mg/kg |
| Acute dermal toxicity | : LD50 Dermal rat: > 2,000 mg/kg |

Skin corrosion/irritation

Product

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Product

no data available

Respiratory or skin sensitization

Product

May cause an allergic skin reaction.

Germ cell mutagenicity

Product

Mutagenicity

: no data available

: no data available

Carcinogenicity

Product

IARC

NTP

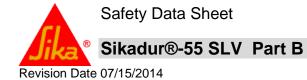
Carcinogenicity

not applicable not applicable

Reproductive Toxicity/Fertility

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Reproductive toxicity : no data available

Reproductive Toxicity/Development/Teratogenicity

Product

Teratogenicity : no data available

STOT-single exposure

Product

Assessment: no data available

STOT-repeated exposure

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.

Product

Assessment: no data available

Aspiration toxicity

Product

no data available

12. Ecological information

| Other information | Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
|-------------------|--|
| | |

Component:

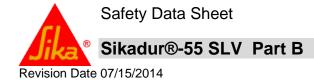
2-piperazin-1-ylethylamine 140-31-8

Toxicity to fish: LC50 Species: Fish Dose: > 100 mg/l Exposure time: 96 h

13. Disposal considerations

Disposal methods

| Waste from residues | : | 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. |



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Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

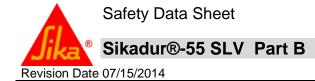
| DOT UN number Description of the goods Class Packing group Labels Emergency Response Guidebook Number | 3267 Corrosive liquid, basic, organic, n.o.s. (Isophoronediamine, 2-piperazin-1-ylethylamine) 8 II 8 153 | | |
|--|---|--|--|
| IATA UN number Description of the goods Class Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passenger aircraft) Packing instruction (passenger aircraft) | 3267 Corrosive liquid, basic, organic, n.o.s. (Isophoronediamine, 2-piperazin-1-ylethylamine) 8 II 8 855 851 Y840 | | |
| IMDG UN number Description of the goods Class Packing group Labels EmS Number 1 EmS Number 2 | 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Isophoronediamine, 2-piperazin-1-ylethylamine) 8 II 8 F-A S-B | | |
| Marine pollutant | no | | |
| Special precautions for user no data available | | | |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | | | |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not applicable

15. Regulatory information

TSCA list

: All chemical substances in this product are either listed on the



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TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

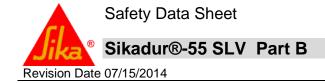
defects.

| SARA 311/312 Hazards | Acute Health Hazard Chronic Health Hazard | | |
|--|---|--|--|
| SARA 302 : | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. | | |
| SARA 313 : | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. | | |
| Clean Air Act | | | |
| Ozone-Depletion Potential | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). | | |
| This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). | | | |
| California Prop 65 | This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive | | |

16. Other information

| HMIS Classification | Health * | 3 |
|---------------------|---------------------|---|
| | Flammability | 1 |
| | Physical Hazard | 0 |
| | Personal Protection | X |

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.



Notes to Reader

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Revision Date 07/15/2014

Material number: 183734