

#### 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.



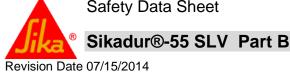
: H302 + H312 Harmful if swallowed or in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.

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	<ul> <li>Collect contaminated fire extinguishing water separately. The must not be discharged into drains.</li> <li>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</li> </ul>	
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.	
protective equipment and	Deny access to unprotected persons.	

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

#### 7. Handling and storage

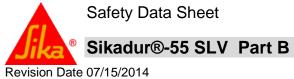
Advice on safe handling	<ul> <li>Avoid exceeding the given occupational exposure limits (se section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitization problems or asthma, allergies, chronic or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

#### 8. Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

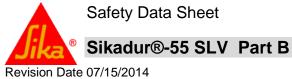
Respiratory protection	Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
	The filter class for the respirator must be suitable for the maximum expected contaminant concentration



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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	<ul> <li>Avoid contact with skin, eyes and clothing.</li> <li>Wash hands before breaks and immediately after handling the product.</li> <li>Remove contaminated clothing and protective equipment before entering eating areas.</li> <li>Wash thoroughly after handling.</li> </ul>

## 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
<b>Phenol, styrenated :</b> Acute oral toxicity	: LD50 Oral rat: 2,500 mg/kg
Acute dermal toxicity	: LD50 Dermal rat: > 5,000 mg/kg
<b>2-piperazin-1-ylethylamine :</b> 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

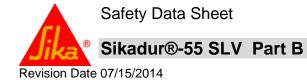
Carcinogenicity

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:

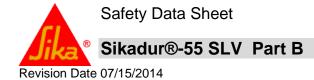
2-piperazin-1-ylethylamine 140-31-8

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

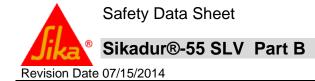
DOT UN number Description of the goods Class Packing group Labels Emergency Response Guidebook Number	3267 Corrosive liquid, basic, organic, n.o.s. (Isophoronediamine, 2-piperazin-1-ylethylamine) 8 II 8 153		
IATA UN number Description of the goods Class Packing group Labels Packing instruction (cargo 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.

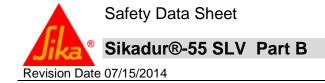
defects.

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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