

**1. Product and company identification**

Product name	Sikadur®-55 SLV-FS Part B
Supplier	Sika Corporation 201 Polito Avenue Lyndhurst, NJ 07071
Telephone	(201) 933-8800
Telefax	(201) 804-1076
Emergency telephone	CHEMTREC: 800-424-9300
e-mail address of person responsible for this SDS	INTERNATIONAL: 703-527-3887 ehs@sika-corp.com
Manufacturer	Sika Corporation, Operations 201 Polito Avenue Lyndhurst, NJ 07071 www.sikausa.com
Telephone	(201) 933 - 8800
Chemical family	Amines

**2. Hazards identification**

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**Potential Health Effects**

Inhalation	Harmful if inhaled. May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.
Skin	Causes skin burns. May cause allergic skin reaction.
Eyes	Causes eye burns.
Ingestion	Harmful if swallowed. May cause digestive tract burns.
Warning	Causes central nervous system depression

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

**3. Composition/information on ingredients**

<b><u>Component</u></b>	<b><u>CAS Number</u></b>
Nonylphenol	25154-52-3
m-phenylenebis(methylamine)	1477-55-0
Benzyl alcohol	100-51-6
Cycloaliphatic polyamine	Unknown
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2



P-tert-butylphenol (PTBP)	98-54-4
Trimethylhexamethylenediamine	25620-58-0
bis[(dimethylamino)methyl]phenol	71074-89-0

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**

##### **First aid procedures**

Inhalation	If inhaled, remove to fresh air. If breathing is difficult, trained personnel should give oxygen. If not breathing, give artificial respiration. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Destroy contaminated shoes and clothing. Get medical attention immediately.
Eye contact	If easy to do, remove contact lens, if worn. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Ingestion	If swallowed, contact a poison control center or physician immediately. Do NOT induce vomiting unless directed to do so by medical personnel Never give anything by mouth to an unconscious person. Get medical attention immediately.

##### **Notes to physician**

Treatment	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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#### **5. Fire-fighting measures**

##### **Fire fighting**

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	none
Further information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. 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 without suitable training.

#### **Protective equipment and precautions for firefighters**

Special protective equipment for firefighters

Firefighters 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

Use personal protective equipment.  
Ensure adequate ventilation.  
Evacuate personnel to safe areas.  
No action shall be taken involving any personal risk without suitable training.  
Keep people away from and upwind of spill/leak.  
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
Material can create slippery conditions.

Environmental precautions

Local authorities should be advised if significant spillages cannot be contained.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Large spills should be collected mechanically (remove by pumping) for disposal.

### **7. Handling and storage**

Handling

For personal protection see section 8.  
Avoid inhalation, ingestion and contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep in properly labeled containers.  
To maintain product quality, do not store in heat or direct sunlight.  
Store in accordance with local regulations.  
Storage away from incompatible materials (see section 10).

### **8. Exposure controls/personal protection**

#### **Exposure limit(s)**

<b><u>Component</u></b>	<b><u>CAS Number</u></b>	<b><u>Content %</u></b>	<b><u>Basis *</u></b>	<b><u>Value</u></b>	<b><u>Exposure limit(s) / Form of exposure</u></b>
m-phenylenebis(methyl	1477-55-0	10 - 30	ACGIH	C	0.1 mg/m3



amine) 10 - 30 OSHA P0 C 0.1 mg/m3

**\* Basis**

ACGIH. Threshold Limit Values (TLV)  
 OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values)  
 OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant  
 OSHA P2. Permissible Exposure Limits (PEL), Table Z-2  
 OSHA Z3. Table Z-3, Mineral Dust

Engineering measures Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Personal protective equipment**

Eye protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Hand protection 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.

Skin and body protection Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection Use a properly fitted, 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 (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hygiene measures Avoid contact with skin, eyes and clothing.  
 Handle in accordance with good industrial hygiene and safety practice.  
 Wash hands before breaks and immediately after handling the product.  
 Remove respiratory and skin/eye protection only after vapors have been cleared from the area.  
 Remove contaminated clothing and protective equipment before entering eating areas.  
 Wash thoroughly after handling.

**9. Physical and chemical properties**

**Appearance**

Physical state liquid  
 Color yellow  
 Odor ammoniacal

**Safety data**



Flash point	> 210.0 °F (> 98.9 °C)
pH	10.5
Density	1 g/cm <sup>3</sup>
Viscosity, kinematic	> 7 mm <sup>2</sup> /s at 104 °F (40 °C)
Volatile organic compounds (VOC) content	30 g/l

## **10. Stability and reactivity**

Stability	Stable under normal conditions.
Conditions to avoid	not applicable
Materials to avoid	oxidizing materials
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **11. Toxicological information**

Acute oral toxicity	Component: benzyl alcohol LD50 Oral rat Dose: 1,230 mg/kg
Acute inhalation toxicity	Component: m-phenylenebis(methylamine) LC50 rat Exposure time: 4 h Dose: 2.4 mg/l  Component: benzyl alcohol LC50 rat Exposure time: 4 h Dose: > 4,871 mg/l
Chronic 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.

### **Carcinogenicity**

not applicable	
<b>IARC</b>	not applicable
<b>OSHA</b>	not applicable
<b>NTP</b>	not applicable
<b>ACGIH</b>	not applicable

## **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. Water polluting material. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May be harmful to the environment if released in large quantities.
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### **13. Disposal considerations**

Waste disposal methods	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.
Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

### **14. Transport information**

#### **DOT**

UN number	2735
Description of the goods	Amines, liquid, corrosive, n.o.s. (m-phenylenebis(methylamine), Cycloaliphatic polyamine)
Class	8
Packing group	II
Labels	8
Emergency Response Guidebook Number	153

#### **IATA**

UN number	2735
Description of the goods	Amines, liquid, corrosive, n.o.s. (m-phenylenebis(methylamine), Cycloaliphatic polyamine)
Class	8
Packing group	II
Labels	8
Packing instruction (cargo aircraft)	855
Packing instruction (passenger aircraft)	851
Packing instruction (passenger aircraft)	Y840

#### **IMDG**

UN number	2735
Description of the goods	AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), Cycloaliphatic polyamine)
Class	8
Packing group	II
Labels	8
EmS Number 1	F-A
EmS Number 2	S-B
Marine pollutant	yes



DOT: For Limited Quantity exceptions reference 49 CFR 173.154 (b)  
IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4  
IATA: For Limited Quantity provisions reference IATA DGR Section 2.7 and other applicable sections.

**15. Regulatory information**

**Federal Regulations**

TSCA Status On TSCA Inventory  
SARA 311/312 Hazards Acute Health Hazard

**EPCRA - Emergency Planning Community Right - To - Know**

SARA 302 Ingredients not applicable  
SARA 313 Ingredients not applicable

**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).

**State Regulations**

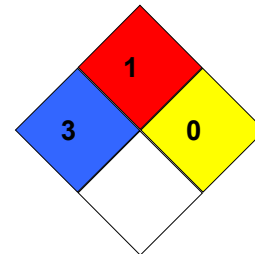
California Prop. 65 Ingredients This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**16. Other information**

**HMIS Classification**

Health	*	3
Flammability		1
Physical Hazard		0
Personal Protection		H

**NFPA Classification**





**Caution:** HMIS® ratings and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® and NFPA ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® and NFPA ratings are to be used with a fully implemented HMIS® and NFPA program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). NFPA or the National Fire Protection Association is a private non-profit organization and an authoritative source of technical background, data, and consumer advice on fire protection, problems and prevention. Please note HMIS® attempts to convey full health warning information to all employees while NFPA is meant primarily for fire fighters and other emergency responders.

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**Notes to Reader**

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