

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 03/14/2024 Version: 1.0

### **SECTION 1: Identification**

### Identification

: UR1049 Blue B Product name

#### 1.2. Recommended use and restrictions on use

Recommended use : Isocyanates

Restrictions on use : Product for industrial use only

#### Supplier 1.3.

ResinLab. LLC

N109 W13300 Ellsworth Drive

Germantown, WI 53022 - United States

T 1-877-259-1669

msds@resinlab.com - www.resinlab.com

#### **Emergency telephone number**

Emergency number : CHEMTREC:1-800-424-9300 (USA); +1 703-527-3887 (International)

## **SECTION 2: Hazard(s) identification**

#### Classification of the substance or mixture 2.1.

#### **GHS US classification**

Acute toxicity (inhalation:dust,mist) Category 4 H332 Harmful if inhaled H315 Skin corrosion/irritation Category 2 Causes skin irritation

Serious eye damage/eye irritation Category 2 H319 Causes serious eye irritation Respiratory sensitization, Category 1 H334

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization, Category 1 H317 May cause an allergic skin reaction

Specific target organ toxicity - Single exposure, Category 3, H335 May cause respiratory irritation

Respiratory tract irritation

Specific target organ toxicity (repeated exposure) Category 2 H373

May cause damage to organs through prolonged or repeated exposure

Full text of H statements : see section 16

#### 22 GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS US)





Signal word (GHS US) Danger

Hazard statements (GHS US) H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 - May cause respiratory irritation

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P284 - [In case of inadequate ventilation] wear respiratory protection.

P302+P352 - If on skin: Wash with plenty of water.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.

P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep 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. P312 - Call a poison center or doctor if you feel unwell. P314 - Get medical advice/attention if you feel unwell.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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P337+P313 - If eye irritation persists: Get medical advice/attention.

P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.

P362+P364 - Take off contaminated clothing and wash it before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### Other hazards which do not result in classification 2.3.

Other hazards which do not result in classification

: Possible sensitizer, reacts with common materials such as water and alcohols releasing CO2.

#### **Unknown acute toxicity (GHS US)**

Not applicable

## **SECTION 3: Composition/Information on ingredients**

#### **Substances**

Not applicable

#### 3.2. **Mixtures**

Name	Product identifier	%
Isocyanic acid, polymethylenepolyphenylene ester	(CAS-No.) 9016-87-9	50 – 75
4,4'-diisocyanatodiphenylmethane	(CAS-No.) 101-68-8	30 – 50
Methylene diphenyl diisocyanate	(CAS-No.) 26447-40-5	5 – 10

Full text of hazard classes and H-statements : see section 16

#### **SECTION 4: First-aid measures**

#### **Description of first aid measures**

: IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if First-aid measures general you feel unwell.

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing. If inhaled: Remove person to fresh air and keep comfortable for breathing. Asthmatic sensitization can occur from a single

large inhalation exposure or from repeated lower inhalation exposures. Observe OELs. Symptoms may be delayed. The affected person must rest and be kept under medical

observation 48 Hours. If experiencing respiratory symptoms, call a doctor.

: Polyglycol based skin cleansers such as Tam D or PEG 400 or corn oil may be more effective First-aid measures after skin contact than using soap and water. If no corn oil or polyglycol-based skin cleanser available, Rinse

immediately with plenty of water for 15 minutes. Take off contaminated clothing. If skin irritation

or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties

if inhaled.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

Most Important Symptoms/Effects Contains diisocyanate. Skin contact may aggravate existing condition, inhalation of aerosol or

vapor above or at OEL may aggravate existing respiratory condition.

## Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## **SECTION 5: Fire-fighting measures**

#### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Water may be used if no other available and then in copious quantities. Reaction between

water and hot isocyanate may be vigorous.

#### Specific hazards arising from the chemical

Hazardous decomposition products in case of

: Toxic fumes may be released, Carbon oxides (CO, CO2), Nitrogen oxides, Isocyanate containing fire vapors, Hydrogen cyanide

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#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting

 Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

**Emergency procedures** 

: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Ventilate and remove ignition sources. Cover spill area with suitable absorbant material. Shovel into vented container. Repeat if necessary. Decontaminate spill area with a mixture of 90% water and 10% non ionic surfactant such as Tergitol.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed

: When using a spray gun or other means to aerosolize the material, respiratory protection is

Precautions for safe handling

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)		
Not applicable		
Methylene diphenyl diisocy	anate (26447-40-5)	
Not applicable		
4,4'-diisocyanatodiphenylmethane (101-68-8)		
ACGIH	Local name	Methylene bisphenyl isocyanate (MDI)
ACGIH	ACGIH OEL TWA	0.005 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Resp sens
ACGIH	Regulatory reference	ACGIH 2023
OSHA	OSHA PEL (Ceiling)	0.2 mg/m³
OSHA	OSHA PEL (Ceiling)	0.02 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the

workplace

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

### Eye protection:

Safety glasses with side shields

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of inadequate ventilation, wear respiratory protection. When using a spray gun or other means to aerosolize the material, respiratory protection is recommended.

### Personal protective equipment symbol(s):







### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Amber
Odor : Musty

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available

Relative evaporation rate (butyl acetate=1) : No data available Flammability : Not applicable. Vapor pressure : No data available Relative vapor density at 20°C : No data available Relative density : No data available

Density : 1.24 g/cm³
Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available : No data available Auto-ignition temperature Decomposition temperature : No data available : No data available Viscosity, dynamic **Explosion limits** No data available Explosive properties : No data available Oxidizing properties : No data available VOC content No data available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Moisture.

#### 10.5. Incompatible materials

Water. alcohols. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Refer to section 5.2 for hazardous decomposition products during combustion.

## **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

ATE US (dust, mist)	1.546 mg/l/4h	
Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)		
LD50 oral rat	> 10000 mg/kg (Rat, Literature study, Oral)	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Literature study, Dermal)	
ATE US (gases)	4500 ppmV/4h	

ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Methylene diphenyl	diisocyanate	(26447-40-5)	

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LD50 oral rat	> 2000 mg/kg body weight (Other, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 9400 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)
LC50 Inhalation - Rat	0.49 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Read-across, Inhalation (aerosol))
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

4,4'-diisocyanatodiphenylmethane (101-68-8)
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4,4 discoyunatodipilenyimethane (101 00 0)	
LD50 oral rat	> 2000 mg/kg body weight (Rat, Male / female, Read-across, Oral, 14 day(s))
LD50 dermal rabbit	> 9400 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal, 14 day(s))
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an

allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
IARC group	3 - Not classifiable

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4,4'-diisocyanatodiphenylmethane (101-68-8)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
STOT-single exposure	: May cause respiratory irritation.	
Isocyanic acid, polymethylenepolyphenylene	ester (9016-87-9)	
STOT-single exposure	May cause respiratory irritation.	
Methylene diphenyl diisocyanate (26447-40-5)		
STOT-single exposure	May cause respiratory irritation.	
4,4'-diisocyanatodiphenylmethane (101-68-8)		
STOT-single exposure	May cause respiratory irritation.	
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.	
Isocyanic acid, polymethylenepolyphenylene	ester (9016-87-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Methylene diphenyl diisocyanate (26447-40-5)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
4,4'-diisocyanatodiphenylmethane (101-68-8)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	: Not classified	
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.	
Symptoms/effects after eye contact	: Eye irritation.	
Most Important Symptoms/Effects	: Contains disocyanate. Skin contact may aggravate existing condition, inhalation of aerosol or vapor above or at OEL may aggravate existing respiratory condition.	
SECTION 12: Ecological information		

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)		
LC50 - Other aquatic organisms [1]	> 1000 mg/l (96 h, Literature study)	
Methylene diphenyl diisocyanate (26447-40-5)		
LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Read-across, Lethal)	
EC50 - Crustacea [1]	> 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Read-across)	
4,4'-diisocyanatodiphenylmethane (101-68-8)		
NOEC (chronic)	≥ 10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

## 12.2. Persistence and degradability

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
Persistence and degradability	Not readily biodegradable in water.
Methylene diphenyl diisocyanate (26447-40-5)	
Persistence and degradability	Contains non readily biodegradable component(s).
4,4'-diisocyanatodiphenylmethane (101-68-8)	
Persistence and degradability	Not readily biodegradable in water.

## 12.3. Bioaccumulative potential

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
BCF - Fish [1]	268 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	10 (Calculated, KOWWIN)

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Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)			
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
Methylene diphenyl diisocyanate (26447-40-5)			
BCF - Fish [1]	92 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Cyprinus carpio, Flow-through system, Fresh water, Read-across, GLP)		
Partition coefficient n-octanol/water (Log Pow)	4.51 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)		
Bioaccumulative potential	Does not contain bioaccumulative component(s).		
4,4'-diisocyanatodiphenylmethane (101-68-8)			
BCF - Fish [1]	92 – 200 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value, GLP)		
Partition coefficient n-octanol/water (Log Pow)	4.5 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		

### 12.4. Mobility in soil

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)		
Surface tension	No data available in the literature	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	9.1 – 11 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Ecology - soil	Adsorbs into the soil.	
Methylene diphenyl diisocyanate (26447-40-5)		
Ecology - soil	No (test)data on mobility of the component(s) available.	
4,4'-diisocyanatodiphenylmethane (101-68-8)		
Surface tension	No data available in the literature	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.5 – 5.5 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Ecology - soil	Adsorbs into the soil.	

#### 12.5. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

### **Department of Transportation (DOT)**

In accordance with DOT

Transport document description (DOT) : NA3082 Other regulated substances, liquid, n.o.s. (CONTAINS: 4,4'-

diisocyanatodiphenylmethane), 9, III

UN-No.(DOT) : NA3082

Proper Shipping Name (DOT) : Other regulated substances, liquid, n.o.s.

CONTAINS: 4,4'-diisocyanatodiphenylmethane

Class (DOT) : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

Packing group (DOT) : III - Minor Danger

Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203 DOT Packaging Bulk (49 CFR 173.xxx) : 241

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**DOT Symbols** 

: D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102)

: A189 - Except where the defining criteria of another class or division are met, concentrations of formaldehyde solution: a. With less than 25 percent but not less than 10 percent formaldehyde, must be described as UN3334, Aviation regulated liquid, n.o.s; and b. With less than 10 percent formaldehyde, are not subject to this subchapter.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672)

T2 - 1.5 178.274(d)(2) Normal...... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx)

DOT Quantity Limitations Passenger aircraft/rail : No Limit

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : No Limit

CFR 175.75)

**DOT Vessel Stowage Location** 

: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

Other information : No supplementary information available.

#### **Transportation of Dangerous Goods**

Not applicable

### Transport by sea

Not regulated

#### Air transport

Not regulated

## **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Isocyanic acid, polymethylenepolyphenylene ester	CAS-No. 9016-87-9	50 – 75%
4,4'-diisocyanatodiphenylmethane	CAS-No. 101-68-8	30 – 50%

## Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

**EPA TSCA Regulatory Flag** XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

## Methylene diphenyl diisocyanate (26447-40-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 4,4'-diisocyanatodiphenylmethane (101-68-8)

Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 5000 lb

#### 15.2. International regulations

#### **CANADA**

### Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)

Listed on the Canadian DSL (Domestic Substances List)

## Methylene diphenyl diisocyanate (26447-40-5)

Listed on the Canadian DSL (Domestic Substances List)

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#### 4,4'-diisocyanatodiphenylmethane (101-68-8)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

Contains no REACH candidate substance

### Methylene diphenyl diisocyanate (26447-40-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 4,4'-diisocyanatodiphenylmethane (101-68-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### **National regulations**

### Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

#### Methylene diphenyl diisocyanate (26447-40-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

#### 4,4'-diisocyanatodiphenylmethane (101-68-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Isocyanic acid, polymethylenepolyphenylene ester(9016-87-9)	U.S New Jersey - Right to Know Hazardous Substance List
4,4'-diisocyanatodiphenylmethane(101-68-8)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

## **SECTION 16: Other information**

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### Full text of H-phrases:

text of 11 princees.	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure

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SDS US - ResinLab

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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