

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : UR3001HP2 Black A

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

Recommended use : Isocyanates  
 Restrictions on use : Product for industrial use only

#### 1.3. Supplier

##### Other

ResinLab, LLC  
 N109 W13300 Ellsworth Drive  
 Germantown, WI 53022 - United States  
 T 1-877-259-1669  
[msds@resinlab.com](mailto:msds@resinlab.com) - [www.resinlab.com](http://www.resinlab.com)

#### 1.4. Emergency telephone number

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

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2	H319	Causes serious eye irritation
Respiratory sensitization, Category 1	H334	May cause an 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, Respiratory tract irritation	H335	May cause respiratory irritation
Specific target organ toxicity (repeated exposure) Category 1	H372	Causes damage to organs through prolonged or repeated exposure

Full text of H statements : see section 16

#### 2.2. 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 an allergy or asthma symptoms or breathing difficulties if inhaled
- H335 - May cause respiratory irritation
- H372 - Causes 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.
- P270 - Do not eat, drink or smoke when using this product.
- 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

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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.  
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.  
P391 - Collect spillage.  
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.

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

Other hazards which do not result in classification : Possible sensitizer, reacts with common materials such as water and alcohols releasing CO<sub>2</sub>.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Diundecyl phthalate (DUP)	(CAS-No.) 3648-20-2	≥ 75 – < 90
4,4'-diisocyanatodiphenylmethane	(CAS-No.) 101-68-8	≥ 5 – < 30
methylenediphenyl diisocyanate, isomer mixture	(CAS-No.) 26447-40-5	≥ 5 – < 30
Diphenylmethane diisocyanate homopolymer (MDI homopolymer)	(CAS-No.) 109331-54-6	≥ 1 – < 10
A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate	(CAS-No.) 125643-61-0	≥ 1 – < 10

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

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if 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.  
First-aid measures after skin contact : If no corn oil or polyglycol-based skin cleanser available, Rinse immediately with plenty of water for 15 minutes. If skin irritation or rash occurs: Get medical advice/attention. Polyglycol based skin cleansers such as Tam D or PEG 400 or corn oil may be more effective than using soap and water. Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Take off contaminated clothing.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Get medical advice/attention. Rinse mouth out with water. Do not induce vomiting. Call a poison center/doctor/physician if you feel unwell.

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

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

### 4.3. Immediate medical attention and special treatment, if necessary

Diisocyanate vapors or mist concentrations above the PEL or TLV can irritate the respiratory tract causing runny nose, sore throat, coughing, chest discomfort, shortness of breath. Persons with pre-existing non specific bronchial hyperactivity can respond to concentrations below the OEL. These symptoms can be delayed to several hours after exposure and are reversible.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Dry powder. Foam. Carbon dioxide. Water fog.  
Unsuitable extinguishing media : Do not use a heavy water stream. Water may be used if no other available and then in copious quantities. Reaction between water and hot isocyanate may be vigorous.

#### 5.2. Specific hazards arising from the chemical

- Hazardous decomposition products in case of fire : Toxic fumes may be released, Carbon oxides (CO, CO<sub>2</sub>), Nitrogen oxides, Isocyanates, Hydrogen cyanide

#### 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

- For containment : Ventilate and remove ignition sources. Cover spill area with suitable absorbent 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. Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Ventilate and remove ignition sources. Cover spill area with suitable absorbent 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

- Precautions for safe handling : Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wear personal protective equipment.
- 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 in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Diundecyl phthalate (DUP) (3648-20-2)		
Not applicable		
4,4'-diisocyanatodiphenylmethane (101-68-8)		
ACGIH	Local name	Methylene bisphenyl isocyanate (MDI)
ACGIH	ACGIH OEL TWA [ppm]	0.005 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Resp sens

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4,4'-diisocyanatodiphenylmethane (101-68-8)		
ACGIH	Regulatory reference	ACGIH 2023
OSHA	OSHA PEL (Ceiling)	0.2 mg/m <sup>3</sup>
OSHA	OSHA PEL C [ppm]	0.02 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
Not applicable		
Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)		
Not applicable		
A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)		
Not applicable		

### 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	: Colorless to yellow
Odor	: mild
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °C
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

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Relative density	: No data available
Density	: 0.97 g/ml
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
VOC content	No data available

### 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

Acids. alcohols. Amines. Water. Metals.

#### 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)	: Harmful if inhaled.

ATE US (dust, mist)	4.249 mg/l/4h
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<b>Diundecyl phthalate (DUP) (3648-20-2)</b>	
LD50 oral rat	> 15800 mg/kg (Rat, Oral)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 7900 mg/kg (Rabbit, Dermal)

<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
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

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
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

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<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
ATE US (dust, mist)	1.5 mg/l/4h

<b>Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)</b>	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: other:
LD50 dermal rat	> 9400 mg/kg
LD50 dermal rabbit	> 9400 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	0.49 mg/l
ATE US (vapors)	0.49 mg/l/4h
ATE US (dust, mist)	0.49 mg/l/4h

<b>A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b>	
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.

<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.

<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
STOT-single exposure	May cause respiratory irritation.

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
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<b>Diundecyl phthalate (DUP) (3648-20-2)</b>	
LOAEL (oral,rat,90 days)	500 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)

<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

<b>A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b>	
NOAEL (oral,rat,90 days)	5 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral)), Guideline: other:
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
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.

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### 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. Very toxic to aquatic life with long lasting effects.

<b>Diundecyl phthalate (DUP) (3648-20-2)</b>	
EC50 - Crustacea [1]	> 0.02 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	0.059 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '155 d'
<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
NOEC (chronic)	≥ 10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
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)
<b>Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)</b>	
NOEC (chronic)	≥ 10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b>	
LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
LC50 - Fish [2]	> 2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [2]	> 1000 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	≤ 0.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 0.001 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '36 d'

#### 12.2. Persistence and degradability

<b>Diundecyl phthalate (DUP) (3648-20-2)</b>	
Persistence and degradability	Biodegradability in soil: no data available. Biodegradable in water.
<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
Persistence and degradability	Contains non readily biodegradable component(s).

#### 12.3. Bioaccumulative potential

<b>Diundecyl phthalate (DUP) (3648-20-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.95 – 12.1
Bioaccumulative potential	Bioaccumable.
<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
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).
<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
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).

#### 12.4. Mobility in soil

<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
Surface tension	No data available in the literature



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<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
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.
<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
Ecology - soil	No (test)data on mobility of the component(s) available.

### 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

Not regulated

### Transportation of Dangerous Goods

Not applicable

### Transport by sea

Not regulated

### Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Diundecyl phthalate (DUP)	CAS-No. 3648-20-2	≥ 75 – < 90%
4,4'-diisocyanatodiphenylmethane	CAS-No. 101-68-8	≥ 5 – < 30%
methylenediphenyl diisocyanate, isomer mixture	CAS-No. 26447-40-5	≥ 5 – < 30%
Diphenylmethane diisocyanate homopolymer (MDI homopolymer)	CAS-No. 109331-54-6	≥ 1 – < 10%
A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate	CAS-No. 125643-61-0	≥ 1 – < 10%

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.

4,4'-diisocyanatodiphenylmethane	CAS-No. 101-68-8	≥ 5 – < 30%
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<b>4,4'-diisocyanatodiphenylmethane (101-68-8)</b>	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb

<b>Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)</b>	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

<b>A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)</b>	
EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.



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### 15.2. International regulations

#### CANADA

**Diundecyl phthalate (DUP) (3648-20-2)**

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

**methylenediphenyl diisocyanate, isomer mixture (26447-40-5)**

Listed on the Canadian DSL (Domestic Substances List)

**Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)**

Listed on the Canadian DSL (Domestic Substances List)

**A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)**

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

Contains no REACH candidate substance

**Diundecyl phthalate (DUP) (3648-20-2)**

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)

**methylenediphenyl diisocyanate, isomer mixture (26447-40-5)**

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

#### National regulations

**Diundecyl phthalate (DUP) (3648-20-2)**

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 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)

**methylenediphenyl diisocyanate, isomer mixture (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)

**Diphenylmethane diisocyanate homopolymer (MDI homopolymer) (109331-54-6)**

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 introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

**A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate (125643-61-0)**

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

# UR3001HP2 Black A

## Safety Data Sheet

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

Component	State or local regulations
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

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

Full text of H-phrases:

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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.*