

**PRIMER SX BLACK**  
 Supersedes Date: 15-May-2020

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 Revision Number 2.02

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name** PRIMER SX BLACK  
**Pure substance/mixture** Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Primers.  
**Uses advised against** Consumer use.

### 1.3. Details of the supplier of the safety data sheet

#### Company Name

Bostik GmbH  
 An der Bundesstrasse 16  
 33829 Borgholzhausen, Germany  
 Tel: +49 (0) 5425 / 801 0  
 Fax: +49 (0) 5425 / 801 140

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** No information available

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

<b>Aspiration hazard</b>	Category 1 - (H304)
<b>Serious eye damage/eye irritation</b>	Category 2 - (H319)
<b>Skin sensitisation</b>	Category 1B - (H317)
<b>Specific target organ toxicity — single exposure</b>	Category 3 - (H335,H336)
<b>Chronic aquatic toxicity</b>	Category 3 - (H412)
<b>Flammable liquids</b>	Category 2 - (H225)

### 2.2. Label elements

Contains Hydrocarbons, C9, aromatics



**Signal word**  
 Danger

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## Hazard statements

H304 - May be fatal if swallowed and enters airways.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H336 - May cause drowsiness or dizziness.  
H412 - Harmful to aquatic life with long lasting effects.  
H225 - Highly flammable liquid and vapour.

## EU Specific Hazard Statements

EUH204 - Contains isocyanates. May produce an allergic reaction

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P261 - Avoid breathing vapours/spray  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

## Additional information

This product requires tactile warnings if supplied to the general public. This product requires child resistant fastenings if supplied to the general public.

## Special provisions concerning the labelling of certain mixtures

Reserved for industrial and professional use.

## 2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer	931-312-3	53880-05-0	>25 - <40	STOT SE 3 (H335) Skin Sens. 1B (H317)		01-2119488734-24
Ethyl acetate	205-500-4	141-78-6	20 - 25	Eye Irrit. 2 (H319) STOT SE 3		01-2119475103-46-XXXX

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				(H336) Flam. Liq. 2 (H225) (EUH066)		
Carbamic acid, 1,6-hexanediylbis-, bis[2-[2-(1-ethylpentyl)-3-oxazolidinyl]ethyl] ester	411-700-4	140921-24-0	20 - 25	Skin Sens. 1 (H317)		01-0000015906-63-XXXX
Hydrocarbons, C9, aromatics	918-668-5	64742-95-6	10 - <20	Flam. Liq. 3 (H226) STOT SE 3 (H335) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) (EUH066)		01-2119455851-35-XXXX
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9	0.1- <1	Eye Dam. 1 (H318) Resp. Sens. 1 (H334) Skin Sens. 1 (H317)		01-2119510879-29-XXXX
2,2,4-Trimethylpentane	208-759-1	540-84-1	0.1- <1	Skin Irrit. 2 (H315) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 2 (H225)		01-2119457965-22-XXXX
Isophorone diisocyanate	223-861-6	4098-71-9	0.1- <1	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Resp. Sens. 1 (H334) Skin Sens. 1 (H317) Acute Tox. 1 (H330) Aquatic Chronic 2 (H411)	Resp. Sens. 1 :: C>=0.5% Skin Sens. 1 :: C>=0.5%	01-2119490408-31-XXXX
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	926-141-6	--	0.1- <1	Asp. Tox. 1 (H304) (EUH066)		01-2119456620-43-XXXX

**Full text of H- and EUH-phrases: see section 16**

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

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This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	EC No	CAS No	SVHC candidates
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9	X

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air. Get immediate medical advice/attention.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Get immediate medical advice/attention. Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Rashes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to doctors</b>	May cause sensitisation in susceptible persons. Treat symptomatically. Effects of contact or inhalation may be delayed.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** Full water jet.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** May form explosive mixtures with air. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**Hazardous combustion products** Carbon oxides.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

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## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid breathing vapours or mists. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.
<b>Other information</b>	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow to enter into soil/subsoil.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for containment</b>	Stop leak if you can do it without risk. Dyke far ahead of spill to collect run-off water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

<b>Reference to other sections</b>	See section 8 for more information. See section 13 for more information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Advice on safe handling</b>	Use only with adequate ventilation. Avoid breathing vapours or mists. In case of insufficient ventilation, wear suitable respiratory equipment. Use personal protection equipment. Avoid contact with skin, eyes or clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.
<b>General hygiene considerations</b>	Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Contaminated work clothing should not be allowed out of the workplace.

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

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Store in accordance with the particular national regulations.
<b>Recommended storage temperature</b>	Keep at temperatures between 5 and 25 °C.

### 7.3. Specific end use(s)

**Specific use(s)**  
Primers.

**Identified uses**

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**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Chemical name	European Union
Ethyl acetate 141-78-6	TWA: 734 mg/m <sup>3</sup> TWA: 200 ppm STEL: 1468 mg/m <sup>3</sup> STEL: 400 ppm

**Derived No Effect Level (DNEL)** No information available

Derived No Effect Level (DNEL)			
Ethyl acetate (141-78-6)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Dermal	63 mg/kg bw/d	
worker Short term Systemic health effects	Inhalation	1468 mg/m <sup>3</sup>	
worker Long term Local health effects	Inhalation	734 mg/m <sup>3</sup>	
worker Short term Local health effects	Inhalation	1468 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Inhalation	734 mg/m <sup>3</sup>	

Isophorone diisocyanate (4098-71-9)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Short term Local health effects	Inhalation	0.0453 mg/m <sup>3</sup>	
worker Long term Local health effects	Inhalation	0.0453 mg/m <sup>3</sup>	

Derived No Effect Level (DNEL)			
Ethyl acetate (141-78-6)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Oral	4.5 mg/kg bw/d	
Consumer Long term	Dermal	37 mg/kg bw/d	

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Systemic health effects			
Consumer Short term Systemic health effects	Inhalation	734 mg/m <sup>3</sup>	
Consumer Long term Local health effects	Inhalation	367 mg/m <sup>3</sup>	
Consumer Short term Local health effects	Inhalation	734 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Inhalation	367 mg/m <sup>3</sup>	

**Predicted No Effect Concentration (PNEC)** No information available.

<b>Predicted No Effect Concentration (PNEC)</b>	
<b>Ethyl acetate (141-78-6)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.26 mg/l
Marine water	0.026 mg/l
Freshwater sediment	1.25 mg/kg
Marine sediment	0.125 mg/kg
Soil	0.24 mg/kg
Microorganisms in sewage treatment	650 mg/l

<b>Isophorone diisocyanate (4098-71-9)</b>	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	60 µg/l
Marine water	6 µg/l
Freshwater - intermittent	40 µg/l
Freshwater sediment	218.9 mg/kg dry weight
Marine sediment	21.89 mg/kg dry weight
Soil	44.01 mg/kg dry weight
Microorganisms in sewage treatment	10 mg/l

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

### Personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

**Hand protection** Wear suitable gloves. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 60 min. Gloves must conform to standard EN 374

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** In case of inadequate ventilation wear respiratory protection. Short term. Wear a respirator conforming to EN 140 with Type A/P2 filter or better.

**Recommended filter type:** Organic gases and vapours filter conforming to EN 14387. Brown. White.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment. Prevent product from entering drains.

## SECTION 9: Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	No information available
Colour	Black
Odour	Solvent
Odour threshold	No information available

Property	Values	Remarks • Method
pH	No data available	Not applicable Insoluble in water
Melting point / freezing point	Not applicable . °C	
Initial boiling point and boiling range	56 °C	
Flash point	-4 °C	CC (closed cup)
Evaporation rate	No data available	
Flammability	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	12 Vol.%	
Lower flammability or explosive limits	2 Vol.%	
Vapour pressure	< 1100	hPa @ 50 °C
Relative vapour density	No data available	
Relative density	0.9	
Water solubility	Immiscible in water	Reacts with water
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	< 20 mm <sup>2</sup> /s	@ 40°C
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidising properties	No data available	

## 9.2. Other information

Solid content (%)	No information available	
VOC Content (%)	<= 40 %	Swiss ordinance on the Incentive Tax on Volatile Organic Compounds of 12 Nov 1997
Liquid Density	0.9 g/cm <sup>3</sup>	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions. Product cures with moisture.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.



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## 10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Protect from moisture.

## 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

## 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

#### Product Information

Inhalation	May cause drowsiness or dizziness.
Eye contact	Causes serious eye irritation.
Skin contact	May cause sensitisation by skin contact. Repeated exposure may cause skin dryness or cracking.
Ingestion	Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Dizziness. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

#### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (inhalation-dust/mist) 14.90 mg/l

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer 53880-05-0	LD50 >14000 mg/Kg (Rattus)		LC50 > 5Mg/L/4h/ (Rattus) Dust/mist
Ethyl acetate 141-78-6	=5620 mg/kg (Rattus)	> 18000 mg/kg (Oryctolagus cuniculus) > 20 mL/kg (Oryctolagus cuniculus)	LC0 29.3 mg/l air
Carbamic acid, 1,6-hexanediylbis-, bis[2-[2-(1-ethylpentyl)-3-oxazolidinyl]ethyl] ester 140921-24-0	>2000 mg/kg	> 2000 mg/kg	
Hydrocarbons, C9, aromatics	LD50 =3492 mg/kg (Rattus)	LD50 > 3160 mg/kg	=3400 ppm (Rattus) 4 h

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64742-95-6		(Oryctolagus cuniculus) OECD 402	
Hexahydro-4-methylphthalic anhydride 19438-60-9	LD50 > 2000 mg/kg (Rattus) OECD 423	LD50 > 2000 mg/kg (Rattus) OECD 402 LD0 = 2000 mg/kg (Rattus)	
2,2,4-Trimethylpentane 540-84-1	>5000 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	>14.38 mg/L (Rattus) 4 h
Isophorone diisocyanate 4098-71-9	=4814 mg/kg (Rattus)	1060 - 4780 mg/kg (Oryctolagus cuniculus)	=0.135 mg/L (Rattus) 4 h
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics --	>5000 mg/Kg (Rattus) (OECD 401)		>4000 mg/m <sup>3</sup> 4h Vapour (Rattus) (OECD 403)

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** May cause skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** May cause sensitisation by skin contact.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Chemical name	European Union
Hydrocarbons, C9, aromatics 64742-95-6	Muta. 1B

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 11.2.2. Other information

**Other adverse effects** No information available.

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## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer 53880-05-0	ErC50 (72h) >3.1 mg/L (DESMODESMUS SUBSPICATUS) Static (OECD 201)	LC50 (96h) >1.5 mg/L (Cyprinus carpio) (EU Method C.1)	-	EC50 (48h) >3.36 mg/L (Daphnia magna) Static (OECD guideline 202)		
Ethyl acetate 141-78-6	EC50: =3300mg/L (48h, Desmodosmus subspicatus)	LC50: =484mg/L (96h, Oncorhynchus mykiss) LC50: 352 - 500mg/L (96h, Oncorhynchus mykiss) LC50: 220 - 250mg/L (96h, Pimephales promelas)	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	EC50: =560mg/L (48h, Daphnia magna)		
Carbamic acid, 1,6-hexanediybis-, bis[2-[2-(1-ethylpentyl)-3-oxazolidinyl]ethyl] ester 140921-24-0	-	LC50: =199.2mg/L (96h, Danio rerio)	-	-		
Hydrocarbons, C9, aromatics 64742-95-6	ErL50 (72h) = 2.9 mg/L (Pseudokirchneriella subcapitata) OECD 201	LL50 (96h) = 9.2 mg/L (Oncorhynchus mykiss) OECD 203	-	EL50 (48h) = 3.2 mg/L (Daphnia magna) OECD 202		
Hexahydro-4-methylphthalic anhydride 19438-60-9	ErC50 (72h) = 135 mg/L (Pseudokirchneriella subcapitata) OECD 201	LD50 (96h) > 100 mg/L (Oncorhynchus mykiss) OECD 203	-	EC50 (48h) > 100 mg/L (Daphnia magna) OECD 202		
Isophorone diisocyanate 4098-71-9	EC50: =118.7mg/L (72h, Desmodosmus subspicatus)	LC50: =1.8mg/L (48h, Leuciscydidus)	-	EC50: =83.7mg/L (24h, Daphnia magna)		

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Component Information			
Isophorone diisocyanate (4098-71-9)			
Method	Exposure time	Value	Results
EU C.4-D	28 days	0%	Not readily biodegradable

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## 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

## Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Ethyl acetate 141-78-6	0.6	30
Hexahydro-4-methylphthalic anhydride 19438-60-9	2.09	3.16

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

### PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-, homopolymer 53880-05-0	The substance is not PBT / vPvB
Ethyl acetate 141-78-6	The substance is not PBT / vPvB PBT assessment does not apply
Carbamic acid, 1,6-hexanediybis-, bis[2-[2-(1-ethylpentyl)-3-oxazolidinyl]ethyl] ester 140921-24-0	The substance is not PBT / vPvB
Hydrocarbons, C9, aromatics 64742-95-6	The substance is not PBT / vPvB
Hexahydro-4-methylphthalic anhydride 19438-60-9	The substance is not PBT / vPvB
2,2,4-Trimethylpentane 540-84-1	The substance is not PBT / vPvB PBT assessment does not apply
Isophorone diisocyanate 4098-71-9	The substance is not PBT / vPvB

## 12.6. Other adverse effects

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Handle contaminated packages in the same way as the product itself. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**European Waste Catalogue** 08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances  
15 01 10\*: Packaging containing residues of or contaminated by dangerous substances

**Other information** Waste codes should be assigned by the user based on the application for which the

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product was used.

## SECTION 14: Transport information

**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

### Land transport (ADR/RID)

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane)
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing group	II
Description	UN1993, Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane), 3, II, (D/E)
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	274, 601, 640C
Classification code	F1
Tunnel restriction code	(D/E)
Limited Quantity (LQ)	1 L
ADR Hazard Id (Kemmler Number)	33

### IMDG

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane)
14.3 Transport hazard class(es)	3
14.4 Packing group	II
Description	UN1993, Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane), 3, II, (-4°C c.c.)
14.5 Marine pollutant	NP
14.6 Special Provisions	274
Limited Quantity (LQ)	1 L
EmS-No	F-E, S-E
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane)
14.3 Transport hazard class(es)	3
14.4 Packing group	II
Description	UN1993, Flammable liquid, n.o.s. (Ethyl acetate, 2,2,4-Trimethylpentane), 3, II
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	A3
Limited Quantity (LQ)	1 L
ERG Code	3H

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

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Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

## **Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)**

### **SVHC: Substances of Very High Concern for Authorisation:**

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No
Hexahydro-4-methylphthalic anhydride	19438-60-9

### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No	Restricted substance per REACH Annex XVII
Hydrocarbons, C9, aromatics	64742-95-6	
Isophorone diisocyanate	4098-71-9	74.

### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### **Dangerous substance category per Seveso Directive (2012/18/EU)**

P5a - FLAMMABLE LIQUIDS  
P5b - FLAMMABLE LIQUIDS  
P5c - FLAMMABLE LIQUIDS

### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## **National regulations**

### **France**

#### **Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Ethyl acetate 141-78-6	RG 84
Hydrocarbons, C9, aromatics 64742-95-6	RG 84
2,2,4-Trimethylpentane 540-84-1	RG 84
Isophorone diisocyanate 4098-71-9	RG 62

### **Germany**

#### **Ordinance on Industrial Safety and Health - Germany - BetrSichV**

Flammable liquid (R11), EEC: refer to Annex III No. 1 (fire and explosion hazards) and § 7 paragraph 4

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**Water hazard class (WGK)** obviously hazardous to water (WGK 2)

**TRGS - 510 Storage Class** Storage Class 3 : Flammable liquids

## Netherlands

**List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)**

## Denmark

**Registration number(s) (P-no.)** No information available

## Norway

**Registration number(s) (PRN-no.)** No information available

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking  
H225 - Highly flammable liquid and vapour  
H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H330 - Fatal if inhaled  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

#### **Legend**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue

#### **Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

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## Indication of changes

<b>Revision note</b>	SDS sections updated, 1, 11, 15, 16.
<b>Training Advice</b>	When working with hazardous materials, regular training of operators is required by law
<b>Further information</b>	No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**