according to Regulation (EC) No. 1907/2006

## Sika® Primer-207 AGR (LB)

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

#### 1.1 Product identifier

Trade name : Sika® Primer-207 AGR (LB)

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

Product use : Pretreatment agent, Product is not intended for consumer use

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

Company name of supplier : Sika Schweiz AG

Tüffenwies 16 8048 Zürich

Telephone : +41 58 436 40 40

Telefax :

E-mail address of person :

responsible for the SDS

: EHS@ch.sika.com

#### 1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich

+41(0)44 251 51 51 / Speed calling: 145

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2 H225: Highly flammable liquid and vapour.

Eye irritation, Category 2 H319: Causes serious eye irritation.

Respiratory sensitisation, Category 1 H334: May cause allergy or asthma symptoms or

breathing difficulties if inhaled.

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Specific target organ toxicity - single ex-

posure, Category 3, Central nervous

system

H336: May cause drowsiness or dizziness.

#### 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms







Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or

breathing difficulties if inhaled.

H336 May cause drowsiness or dizziness.

Supplemental Hazard

Statements

EUH066

Repeated exposure may cause skin dryness

or cracking.

Precautionary statements : Prevention:

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P261 Avoid breathing mist or vapours.

P280 Wear protective gloves/ protective clothing/

eye protection/ face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh

air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P342 + P311 If experiencing respiratory symptoms: Call a

POISON CENTER/ doctor.

P370 + P378 In case of fire: Use dry sand, dry chemical or

alcohol-resistant foam to extinguish.

#### Hazardous components which must be listed on the label:

ethyl acetate aromatic polyisocyanate 4,4'-methylenediphenyl diisocyanate m-tolylidene diisocyanate

#### **Additional Labelling**

EUH204 Contains isocyanates. May produce an allergic reaction.

"As from 24 August 2023 adequate training is required before industrial or professional use."

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
ethyl acetate	141-78-6	Flam. Liq. 2; H225	>= 25 - < 40
	205-500-4	Eye Irrit. 2; H319	
	01-2119475103-46-	STOT SE 3; H336	
	XXXX	EUH066	
butanone	78-93-3	Flam. Liq. 2; H225	>= 25 - < 40
	201-159-0	Eye Irrit. 2; H319	
	01-2119457290-43-	STOT SE 3; H336	
	XXXX	EUH066	
aromatic polyisocyanate	53317-61-6	Eye Irrit. 2; H319	>= 5 - < 10
	Not Assigned	Skin Sens. 1; H317	
Tris(3-	26115-70-8	Acute Tox. 4; H302	>= 2,5 - < 5
(trimethoxysi-	247-465-8		
lyl)propyl)isocyanurate	01-2120807606-55-		
	XXXX		
tris(p-isocyanatophenyl) thiophos-	4151-51-3	Acute Tox. 4; H302	>= 2,5 - < 5
phate	223-981-9		
Contains:	01-2119948848-16-		
chlorobenzene <= 3,57 %	XXXX		

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247-722-4 01-2119454791-34- XXXX  Acute Tox. 1; H330 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Aquatic Chronic 3; H412  specific concentration limit	4,4'-methylenediphenyl diisocyanate	101-68-8 202-966-0 01-2119457014-47- XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373	>= 0,1 - < 1
247-722-4 01-2119454791-34- XXXX  Acute Tox. 1; H330 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Aquatic Chronic 3; H412  specific concentration limit			mg/l	
Resp. Sens. 1; H334   >= 0,1 %	m-tolylidene diisocyanate	247-722-4 01-2119454791-34-	Acute Tox. 1; H330 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 Aquatic Chronic 3; H412 ————————————————————————————————————	>= 0,025 - < 0,1

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

## 4.1 Description of first aid measures

General advice Move out of dangerous area.

Consult a physician.

according to Regulation (EC) No. 1907/2006

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Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.

Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

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

Symptoms : Asthmatic appearance

Allergic reactions
Excessive lachrymation

Erythema
Loss of balance

Vertigo

See Section 11 for more detailed information on health effects

and symptoms.

Risks : irritant effects

sensitising effects

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficul-

ties if inhaled.

May cause drowsiness or dizziness.

Repeated exposure may cause skin dryness or cracking.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing : Water

according to Regulation (EC) No. 1907/2006

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media High volume water jet

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

Specific hazards during fire-

fighting

Do not use a solid water stream as it may scatter and spread

ucts

Hazardous combustion prod- : No hazardous combustion products are known

#### 5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information Use water spray to cool unopened containers.

#### SECTION 6: Accidental release measures

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

Personal precautions Use personal protective equipment.

Remove all sources of ignition.

Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentra-

tions. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

**Environmental precautions** Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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

Methods for cleaning up Contain spillage, and then collect with non-combustible ab-

sorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

#### 6.4 Reference to other sections

For personal protection see section 8.

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

#### 7.1 Precautions for safe handling

Advice on safe handling Avoid formation of aerosol.

Avoid exceeding the given occupational exposure limits (see

section 8).

Do not get in eyes, on skin, or on clothing. For personal protection see section 8.

according to Regulation (EC) No. 1907/2006

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Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Smoking, eating and drinking should be prohibited in the application area.

Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Follow standard hygiene measures when handling chemical

products

Advice on protection against

fire and explosion

Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary

measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers

Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store

in accordance with local regulations.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Cleaning with aprotic polar solvents must be avoided.

Consult most current local Product Data Sheet prior to any

use.

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

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
ethyl acetate	141-78-6	STEL	400 ppm 1.468 mg/m3	2017/164/EU
	Further information: Indicative			
		TWA	200 ppm 734 mg/m3	2017/164/EU
		TWA	200 ppm 730 mg/m3	CH SUVA
	Further information: National Institute for Occupational Safety and			
	Health, Institut National de Recherche et de Sécurité pour la pré-		é pour la pré-	

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	vention des a	ccidents du travail e	et des maladies pro	ofessionnelles,
	Harm to the unborn child is not to be expected when the OEL-			n the OEL-
	value is respe		1	1
		STEL	400 ppm 1.460 mg/m3	CH SUVA
butanone	78-93-3	TWA	200 ppm 600 mg/m3	2000/39/EC
	Further inforn	nation: Indicative	J	
		STEL	300 ppm 900 mg/m3	2000/39/EC
		TWA	200 ppm 590 mg/m3	CH SUVA
	Further information: Toxic by skin resorption possible; Substar es, which are easily absored through the skin, can give by add tional skin resoption a substancial higher risk compared to only inhalation by the airways., National Institute for Occupational Safety and Health, Occupational Safety and Health Administration, Institut National de Recherche et de Sécurité pour la prévition des accidents du travail et des maladies professionnelles, Harm to the unborn child is not to be expected when the OEL-			give by addi- lared to only cupational Administra- cour la préven- ssionnelles,
	value is respe		•	
		STEL	200 ppm 590 mg/m3	CH SUVA
tris(p-isocyanatophenyl) thiophosphate	4151-51-3	TWA	0,02 mg/m3 (NCO)	CH SUVA
	Further information: Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Health and Safety Executive (Occupational Medicine and Hygiene Laboratory)			nd Safety Ex- atory)
		STEL	0,02 mg/m3 (NCO)	CH SUVA
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0,02 mg/m3 (NCO)	CH SUVA
	Further information: Toxic by skin resorption possible; Substances, which are easily absored through the skin, can give by additional skin resoption a substancial higher risk compared to only inhalation by the airways., Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Health and Safety Executive (Occupational Medicine and Hygiene Laboratory), Harm to the unborn child is not to be expected when the OEL-value is respected			
		STEL	0,02 mg/m3 (NCO)	CH SUVA
m-tolylidene diisocyanate	26471-62-5	STEL	0,02 mg/m3	CH SUVA
-		TWA	0,02 mg/m3	CH SUVA
		TWA	0,02 mg/m3 (NCO)	CH SUVA
	Further information: Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Health and Safety Executive (Occupational Medicine and Hygiene Laboratory)			
	,	STEL	0,02 mg/m3 (NCO)	CH SUVA

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<sup>\*</sup>The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parameters *	Basis *
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
	Further informa	ation: Indicative, Ide	ntifies the possibi	lity of signifi-
	cant uptake thi	rough the skin		
		TWA	200 ppm 260 mg/m3	CH SUVA
	Further information: Toxic by skin resorption possible; Substances, which are easily absored through the skin, can give by additional skin resoption a substancial higher risk compared to only inhalation by the airways., National Institute for Occupational Safety and Health, Institut National de Recherche et de Sécurité pour la prévention des accidents du travail et des maladies professionnelles, Harm to the unborn child is not to be expected when the OEL-value is respected			
		STEL	400 ppm 520 mg/m3	CH SUVA

<sup>\*</sup>The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
butanone	78-93-3	2-butanone (MEK): 2 mg/l (Urine)	Immediately after exposure or after working hours	CH BAT
		2-Butanon (MEK): 27.7 micromol per litre (Urine)	Immediately after exposure or after working hours	CH BAT
4,4'-methylenediphenyl diisocyanate	101-68-8	4,4'- diaminodiphenyl- methane: 10 μg/g creatinine (Urine)	Immediately after exposure or after working hours	CH BAT
		4,4'- diaminodiphenyl- methane: 5 nmol/mmol creati- nine (Urine)	Immediately after exposure or after working hours	CH BAT

#### 8.2 Exposure controls

#### **Engineering measures**

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Eye protection Safety glasses with side-shields conforming to EN166

Eye wash bottle with pure water

according to Regulation (EC) No. 1907/2006

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Hand protection

: Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Suitable for short time use or protection against splashes:

Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed.

Suitable for permanent exposure:

Viton gloves (0.4 mm), breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,

long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing

and stirring work.

Respiratory protection : In case of inadequate ventilation wear respiratory protection.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work-

ing limits of the selected respirator.

organic vapor (Type A) and particulate filter

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as-

sessment indicates this is necessary.

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm P1: Inert material; P2, P3: hazardous substances

Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

#### **Environmental exposure controls**

General advice : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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

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

Physical state : liquid Colour : black

Odour : solvent-like

Boiling point/boiling range : > 70 °C

according to Regulation (EC) No. 1907/2006

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#### Upper/lower flammability or explosive limits

Upper explosion limit / Up- : 11,5 %(V)

per flammability limit

Lower explosion limit /

: 1,8 %(V)

Lower flammability limit

-4 °C

Flash point

Method: closed cup

Auto-ignition temperature

: 427 °C

pΗ

Not applicable

substance/mixture is non-soluble (in water)

**Viscosity** 

Viscosity, dynamic

: ca. 15 mPa.s (20 °C)

Viscosity, kinematic

< 20,5 mm2/s (40 °C)

Solubility(ies)

Water solubility

insoluble

Vapour pressure

99,9915 hPa

Density

ca. 0,97 g/cm3 (20 °C)

#### 9.2 Other information

No data available

### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

according to Regulation (EC) No. 1907/2006

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10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

Avoid moisture.

10.5 Incompatible materials

Materials to avoid Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition

products

: methanol

### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### **Acute toxicity**

Not classified based on available information.

**Components:** 

ethyl acetate:

: LD50 Oral (Rat): > 5.000 mg/kg Acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): ca. 1.600 mg/l

> Exposure time: 4 h Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

butanone:

Acute oral toxicity : LD50 Oral (Rat): 3.300 mg/kg

Acute inhalation toxicity : LC50 (Rat): 36 mg/l

Exposure time: 4 h Test atmosphere: vapour

: LD50 Dermal (Rabbit): > 5.000 mg/kg Acute dermal toxicity

aromatic polyisocyanate:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Tris(3-(trimethoxysilyl)propyl)isocyanurate:

Acute oral toxicity : LD50 Oral (Rat): 1.713 mg/kg

tris(p-isocyanatophenyl) thiophosphate:

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Acute oral toxicity : LD50 Oral (Rat): > 675 mg/kg

Remarks: see user defined free text

Acute inhalation toxicity : LC50 (Rat): 5,721 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

#### 4,4'-methylenediphenyl diisocyanate:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50: 1,5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Expert judgement

Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method

m-tolylidene diisocyanate:

Acute inhalation toxicity : LC50 (Rat): 0,107 mg/l

Exposure time: 4 h
Test atmosphere: vapour

#### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

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

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

May cause drowsiness or dizziness.

#### STOT - repeated exposure

Not classified based on available information.

according to Regulation (EC) No. 1907/2006

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## **Aspiration toxicity**

Not classified based on available information.

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

**Product:** 

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

**Further information** 

**Product:** 

Remarks : Toxicology data for the components

Information given is based on data on the components and

the toxicology of similar products.

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

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

No data available

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

### 12.6 Endocrine disrupting properties

**Product:** 

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

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levels of 0.1% or higher.

#### 12.7 Other adverse effects

**Product:** 

Additional ecological infor-

mation

: There is no data available for this product.

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

way.

Dispose of surplus and non-recyclable products via a licensed

waste disposal contractor.

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.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Waste code Switzerland

VeVA/LVA

: 08 01 11: -

Contaminated packaging

15 01 10 [S] packaging containing residues of or contaminat-

ed by dangerous substances

#### **SECTION 14: Transport information**

#### 14.1 UN number

ADR : UN 1866 IMDG : UN 1866 IATA : UN 1866

14.2 UN proper shipping name

ADR : RESIN SOLUTION IMDG : RESIN SOLUTION

IATA : Resin solution

14.3 Transport hazard class(es)

**ADR** : 3

according to Regulation (EC) No. 1907/2006

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3

3



## 14.4 Packing group

**ADR** 

**IMDG** 

**IATA** 

Ш Packing group Classification Code F1 Hazard Identification Number : 33 Labels 3 Tunnel restriction code (D/E)

**IMDG** 

Packing group Ш Labels 3 **EmS Code** F-E, S-E

IATA (Cargo)

Packing instruction (cargo 364

aircraft)

Packing instruction (LQ) Y341 Packing group Ш

Labels Flammable Liquids

IATA (Passenger)

Packing instruction (passen-353

ger aircraft)

Packing instruction (LQ) Y341 Packing group Ш

Labels Flammable Liquids

#### 14.5 Environmental hazards

**ADR** 

Environmentally hazardous no

**IMDG** 

Marine pollutant no

IATA (Passenger)

Environmentally hazardous no

IATA (Cargo)

Environmentally hazardous no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

according to Regulation (EC) No. 1907/2006

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:

Number on list 3

4,4'-methylenediphenyl diisocyanate

(Number on list 74, 56)

m-tolylidene diisocyanate (Number

on list 74)

International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors

Not applicable

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

: None of the components are listed

(=> 0.1 %).

REACH - List of substances subject to authorisation

(Annex XIV)

: Not applicable

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Not applicable

PIC Ordinance, ChemPICO (814.82) : Not applicable

REACH Information:

All substances contained in our Products are

- registered by our upstream suppliers, and/or

- registered by us, and/or

- excluded from the regulation, and/or

- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P5c FLAMMABLE LIQUIDS

Water hazard class (Germa-

WGK 2 obviously hazardous to water

ny)

Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the inc

Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 68,05% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 68,05% w/w

according to Regulation (EC) No. 1907/2006

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### Other regulations:

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H225 : Highly flammable liquid and vapour.

H302 : Harmful if swallowed. H315 : Causes skin irritation.

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

H330 : Fatal if inhaled. H332 : Harmful if inhaled.

H334 : May cause allergy or asthma symptoms or breathing difficul-

ties if inhaled.

H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.

H351 : Suspected of causing cancer.

H373 : May cause damage to organs through prolonged or repeated

exposure if inhaled.

H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Chronic : Long-term (chronic) aquatic hazard

Carc. : Carcinogenicity
Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Resp. Sens. : Respiratory sensitisation

Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated exposure STOT SE : Specific target organ toxicity - single exposure

2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first

list of indicative occupational exposure limit values

2006/15/EC : Europe. Indicative occupational exposure limit values : Europe. Commission Directive 2017/164/EU establishing a

fourth list of indicative occupational exposure limit values

CH BAT : Switzerland. List of BAT-values

CH SUVA : Switzerland. Limit values at the work place

2000/39/EC / TWA : Limit Value - eight hours 2000/39/EC / STEL : Short term exposure limit 2006/15/EC / TWA : Limit Value - eight hours

according to Regulation (EC) No. 1907/2006

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2017/164/EU / STEL : Short term exposure limit 2017/164/EU / TWA : Limit Value - eight hours CH SUVA / TWA : Time Weighted Average CH SUVA / STEL : Short Term Exposure Limit

ADR : European Agreement concerning the International Carriage of

Dangerous Goods by Road
Chemical Abstracts Service

CAS : Chemical Abstracts Service
DNEL : Derived no-effect level

EC50 : Half maximal effective concentration

GHS : Globally Harmonized System

IATA : International Air Transport Association

IMDG : International Maritime Code for Dangerous Goods

LD50 : Median lethal dosis (the amount of a material, given all at

once, which causes the death of 50% (one half) of a group of

test animals)

LC50 : Median lethal concentration (concentrations of the chemical in

air that kills 50% of the test animals during the observation

period)

MARPOL : International Convention for the Prevention of Pollution from

Ships, 1973 as modified by the Protocol of 1978

OEL : Occupational Exposure Limit

PBT : Persistent, bioaccumulative and toxic PNEC : Predicted no effect concentration

REACH : Regulation (EC) No 1907/2006 of the European Parliament

and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

SVHC : Substances of Very High Concern

vPvB : Very persistent and very bioaccumulative

#### **Further information**

#### Classification of the mixture: Classification procedure:

Flam. Liq. 2	H225	Based on product data or assessment
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H336	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version!

CH / EN

according to Regulation (EC) No. 1907/2006

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