according to 1907/2006/EC, Article 31

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Version number 2 (replaces version 1)

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

- · 1.1 Product identifier
- · Trade name: SOLL Washprimer Active primer (S700033)
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

- · Application of the substance / the mixture Color spray
- · 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

UAB "Helvina"

Parko str. 96

LT-54464 Ramučiai, Kaunas district

Lithuania

Tel.:+37037308901 Fax. +37037308902 e-mail info@helvina.lt

• 1.4 Emergency telephone number: Poison control and information office: Tel.: +370 5 236 2052 or +370 687 53378

#### SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



Eye Dam. 1 H318 Causes serious eye damage.



*		
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

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#### · Hazard pictograms









GHS05

GHS07

#### · Signal word Danger

#### · Hazard-determining components of labelling:

Isobutanol

Xylene

Bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700-1100) acetone

#### · Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation. H318 Causes serious eye damage.

H317 May cause an allergic skin reaction. May cause drowsiness or dizziness. H336

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

H412 Harmful to aquatic life with long lasting effects.

#### · Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

#### · Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

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

#### · 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

	· Dangerous components:		
Γ	CAS: 115-10-6	dimethyl ether	25-50%
	EINECS: 204-065-8	♦ Flam. Gas 1A, H220; Press. Gas (Liq.), H280	
	Reg.nr.: 01-2119472128-37	• • • • • • • • • • • • • • • • • • • •	
Γ	CAS: 1330-20-7	Xylene	≥10-<15%
	EINECS: 215-535-7	🔥 Flam. Liq. 3, H226; 🍪 STOT RE 2, H373; Asp. Tox. 1,	
	Reg.nr.: 01-2119488216-32		
		H315; Ěye Irrit. 2, H319; STOT SE 3, H335	
	EINECS: 215-535-7	Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2,	≥10-<15

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CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23	Isobutanol  ♠ Flam. Liq. 3, H226; ♦ Eye Dam. 1, H318; ♠ Skin Irrit. 2, H315; STOT SE 3, H335-H336	<i>≥</i> 3-<10%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	acetone  Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	5-<10%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	Ethyl acetate  Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	2.5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol	2.5-<10%
CAS: 25068-38-6	Bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700-1100)  Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH205	2.5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-Butyl acetate  Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	2.5-<5%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	Ethylbenzene  Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	2.5-<10%
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40	Trizinc bis(orthophosphate)  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.25-<2.5%
CAS: 162627-17-0 EC number: 605-296-0 Reg.nr.: 01-2119970640-38	Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	≥0.1-<1%

# SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and to be sure call for a doctor.

*In case of unconsciousness place patient stably in side position for transportation.* 

- · After skin contact: Immediately rinse with water.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Seek immediate medical advice.
- · 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

# **SECTION 5:** Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

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#### 5.3 Advice for firefighters

· Protective equipment:

Mouth respiratory protective device.

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

# SECTION 6: Accidental release measures

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

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

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

Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# SECTION 7: Handling and storage

#### · 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

#### · Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Store away from foodstuffs.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

# SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

#### 115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm

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1330.	20-7 Xylene	(Contd. of pa
	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV	
<i>78-83</i>	-1 Isobutanol	
WEL	Short-term value: 231 mg/m³, 75 ppm Long-term value: 154 mg/m³, 50 ppm	
67-64	-1 acetone	
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm	
141-7	8-6 Ethyl acetate	
WEL	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm	
64-17	-5 ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm	
123-8	6-4 n-Butyl acetate	
WEL	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm	
100-4	1-4 Ethylbenzene	
WEL	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk	
Ingre	dients with biological limit values:	
1330-	20-7 Xylene	
BMG	V 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid	

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### · Hand protection

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Breakthrough time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection** Safety glasses



Tightly sealed goggles

# SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Aerosol

· Colour: According to product specification

· Odour: Characteristic
· Odour threshold: Not determined.

· Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and boiling

range -24.9 °C • Flammability Not applicable.

· Lower and upper explosion limit

 Lower:
 1.1 Vol % (1330-20-7 Xylene)

 Upper:
 18.6 Vol % (115-10-6 dimethyl ether)

 Flash point:
 0 °C (DIN EN ISO 1523:2002)

· Auto-ignition temperature: 235 °C (DIN 51794, 115-10-6 dimethyl ether)

• Decomposition temperature: Not determined. • pH Not determined.

· Viscosity:

• Kinematic viscosity Not determined. • Dynamic: Not determined.

· Solubility

• water: Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log value) Not determined.

· Vapour pressure at 20 °C: 5,200 hPa (115-10-6 dimethyl ether)

Density and/or relative density

• **Density at 20 °C:** 0.808 g/cm³ (DIN EN ISO 2811-1)

Relative densityVapour densityNot determined.Not determined.

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· 9.2 Other information

· Appearance:

· Form: Aerosol

· Important information on protection of health and

environment, and on safety.

· Ignition temperature: Product is not selfigniting.

· Explosive properties: In use, may form flammable/explosive vapour-air

mixture.

· Solvent content:

84.27 % · VOC (EC) · Solids content (weight-%): 15.7 %

· Change in condition

· Evaporation rate Not applicable.

· Information with regard to physical hazard classes

· Explosives Void · Flammable gases Void

· Aerosols Extremely flammable aerosol. Pressurised container:

May burst if heated.

· Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void · Self-heating substances and mixtures Void

· Substances and mixtures, which emit flammable

gases in contact with water Void Void · Oxidising liquids · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void

# SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

Possible in traces.

Nitrogen oxides

Hydrogen chloride (HCl)

Carbon monoxide

Nitrogen oxides (NOx)

# SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

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- · Skin corrosion/irritation Causes skin irritation.
- · Serious eye damage/irritation Causes serious eye damage.
- · Respiratory or skin sensitisation May cause an allergic skin reaction.
- · STOT-single exposure May cause drowsiness or dizziness.
- · STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- · Aspiration hazard May be fatal if swallowed and enters airways.

# SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

# SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name · ADR · IMDG · IATA	UN1950 AEROSOLS AEROSOLS AEROSOLS, flammable	

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· 14.3 Transport hazard class(es)	
· ADR	
<u> </u>	
3	
Class	2 5F Gases.
Label	2.1 Gases.
· IMDG, IATA	
111111	
2	
Class	2.1 Gases.
Label	2.1
14.4 Packing group	
ADR, IMDG, IATA	Void
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number: Stowage Code	F-D,S-U SW1 Protected from sources of heat.
Siowage Code	SW22 For AEROSOLS with a maximum capacity of
	litre: Category A. For AEROSOLS with a capacity abo
	1 litre: Category B. For WASTE AEROSOLS: Catego
	C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of litre:
	Segregation as for class 9. Stow "separated from" clas.
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
14.7 Maritime transport in bulk according to	
instruments	Not applicable.
Transport/Additional information:	
ADR	
· Limited quantities (LQ)	IL
Transport category	2
Tunnel restriction code	D
·IMDG	
Limited quantities (LQ)	IL
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

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# SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:
- · Additional classification according to Decree on Hazardous Materials, Annex II:

Class	Share in %
III	<1
NK	50-100

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- *H410 Very toxic to aquatic life with long lasting effects.*
- H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

#### · Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

#### · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols - Category 1 Press. Gas (Liq.): Gases under pressure - Liquefied gas Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

\* \* Data compared to the previous version altered.