SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation

of the mixture

LPS® Cold Galvanize

Registration number

Synonyms None.

00516, M00516 **Part Number** Issue date 19-October-2015

Version number 02

07-September-2016 **Revision date** Supersedes date 19-October-2015

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

Identified uses A zinc rich industrial maintenance primer designed for rust and corrosion protection.

Uses advised against None known. 1.3. Details of the supplier of the safety data sheet

Alsco Ltd **Supplier**

Unit 13 Hillmead Industrial Estate Company name

Address Marshall Road

Swindon, Wiltshire

United Kingdom SN5 5FZ

+44 1793 733 900 **Telephone** +001 703-527-3887 In Case of Emergency

Manufacturer

Company name ITW Pro Brands

Address 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)

Website http://www.lpslabs.com e-mail lpssds@itwprobrands.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification F+;R12, Carc. Cat. 1;R45, T;, Xn;R20/21-48, Xi;R36, R43, N;R50/53

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

Aerosols Category 1 H222 - Extremely flammable

aerosol.

H229 - Pressurized container: May

burst if heated.

Health hazards

H312 - Harmful in contact with skin. Acute toxicity, dermal Category 4

H332 - Harmful if inhaled. Acute toxicity, inhalation Category 4 H319 - Causes serious eye Serious eye damage/eye irritation Category 2

irritation.

Skin sensitisation Category 1B H317 - May cause an allergic skin

reaction.

Carcinogenicity Category 2 H351 - Suspected of causing

cancer.

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

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Specific target organ toxicity - repeated Category 1 (Central nervous system) H372 - Causes damage to organs exposure

(Central nervous system) through

prolonged or repeated exposure.

Specific target organ toxicity - repeated

exposure

Category 2 (auditory organ, liver, Kidney)

H373 - May cause damage to organs (auditory organ, liver, Kidney) through prolonged or repeated exposure.

Environmental hazards

Hazardous to the aquatic environment.

long-term aquatic hazard

Category 1

H410 - Very toxic to aquatic life with long lasting effects.

Hazard summary

Physical hazards Extremely flammable.

Health hazards May cause cancer. Also harmful by inhalation and in contact with skin. Irritating to eyes. May

cause sensitisation by skin contact. Danger of serious damage to health by prolonged exposure.

Occupational exposure to the substance or mixture may cause adverse health effects.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. **Environmental hazards**

Specific hazards Prolonged exposure may cause chronic effects. Main symptoms Narcosis. Behavioural changes. Decrease in motor functions. Severe eye irritation. Symptoms

may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. Oedema. Jaundice. Prolonged exposure may cause chronic effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Benzene, 1-Chloro-4 (Trifluoromethyl), Ethylbenzene, Methyl ethyl ketone, Mineral Spirits Regular Contains:

Stoddard Solvent, Petroleum Gases, Liquefied, Sweetened, Xylene

Hazard pictograms









Danger Signal word

Hazard statements

Harmful if inhaled. H332 Harmful if inhaled. H332

Extremely flammable aerosol. H222

Pressurized container: May burst if heated. H229

Harmful in contact with skin. H312 Causes serious eye irritation. H319 May cause an allergic skin reaction. H317 Suspected of causing cancer. H351

Causes damage to organs (Central nervous system) through prolonged or repeated exposure. H372 May cause damage to organs (auditory organ, liver, Kidney) through prolonged or repeated H373

Very toxic to aquatic life with long lasting effects. H410

Precautionary statements

Prevention

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P210

Do not spray on an open flame or other ignition source. P211

Do not pierce or burn, even after use. P251

Do not breathe gas. P260

Wash thoroughly after handling. P264

Do not eat, drink or smoke when using this product. P270 Use only outdoors or in a well-ventilated area. P271

Contaminated work clothing should not be allowed out of the workplace. P272

Avoid release to the environment. P273

Wear protective gloves/protective clothing/eye protection/face protection. P280

Response

IF ON SKIN: Wash with plenty of water. P302 + P352

IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304 + P340

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

and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention. P308 + P313 Call a POISON CENTER/doctor if you feel unwell. P312

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

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

00516, M00516 Version #: 02 Revision date: 07-September-2016 Issue date: 19-October-2015

P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

%

P391 Collect spillage.

Storage

P405 Store locked up.

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

Disposal

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

Supplemental label information 23,1 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic

CAS-No. / EC

environment. EUH208 - Contains Benzene, 1-Chloro-4 (Trifluoromethyl). May produce an allergic

REACH Registration No.

INDEX No.

Notes

reaction.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name

Chemical name		%	No.	REACH REGISTRATION No.	INDEX NO.	Notes
Metallic Zinc		30 - 40	7440-66-6 231-175-3	-	030-001-01-9	
Classification:	DSD:	F;R15-R17, N;F	850/53			
	CLP:	Pyr. Sol. 1;H250), Aquatic Chronic	1;H410		T
Acetone		10 - 20	67-64-1 200-662-2	-	606-001-00-8	#
Classification:	DSD:	F;R11, Xi;R36, I	R66-67			
	CLP:	Flam. Liq. 2;H22	25, Eye Irrit. 2;H319	9, STOT SE 3;H336		
Petroleum Gases, Liquefi Sweetened	ed,	10 - 20	68476-86-8 270-705-8	-	649-203-00-1	
Classification:	DSD:	F+;R12, Carc. C	Cat. 1;R45, Muta. C	at. 2;R46		K,S
	CLP:	Muta. 1B;H340,	Carc. 1A;H350			K,S,U
Xylene		5 - 10	1330-20-7 215-535-7	-	601-022-00-9	#
Classification:	DSD:	R10, Xn;R20/21	, Xi;R38			С
	CLP:	Flam. Liq. 3;H22 Aquatic Chronic		312, Skin Irrit. 2;H315, Acute	Гох. 4;Н332,	С
Benzene, 1-Chloro-4 (Trif	luorome	ethyl) 1 - 10	98-56-6 202-681-1	-	-	
Classification:	DSD:	Xn;R22				
	CLP:	Flam. Liq. 3;H22	26, Skin Sens. 1B;ŀ	H317, Aquatic Chronic 2;H411		
Ethylbenzene		1 - 3	100-41-4 202-849-4	-	601-023-00-4	#
Classification:	DSD:	F;R11, Xn;R20-	65-48/20			
	CLP:	Flam. Liq. 2;H22 RE 2;H373, Aqu	25, Asp. Tox. 1;H30 uatic Chronic 2;H41	04, Acute Tox. 4;H332, Carc. 2 1	2;H351, STOT	
Mineral Spirits Regular St Solvent	oddard	1 - 3	8052-41-3 232-489-3	-	649-345-00-4	
Classification:	DSD:	Xn;R65-48/20				Р
	CLP:	Flam. Liq. 3;H22	26, Asp. Tox. 1;H30	04, STOT RE 1;H372		Р

Chemical name		%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Zinc oxide		1 - 3	1314-13-2 215-222-5	-	030-013-00-7	
Classification:	DSD:	N;R50/53				
	CLP:	Aquatic Chronic	c 1;H410			
Silica, amorphous		< 1	7631-86-9 231-545-4	-	-	
Classification:	DSD:	T+;R26				
	CLP:	Acute Tox. 2;H3	330			
Silicic Acid, Calcium Sa	ılt	< 1	1344-95-2 215-710-8	-	-	
Classification:	DSD:	T;R23				
	CLP:	Acute Tox. 3;H3	331			

List of abbreviations and symbols that may be used above

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note K: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8).

Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).

Note S: This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1). This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).

Note U: When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information IF exposed or conc

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

attendance. Wash contaminated clothing before reuse

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contactRemove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical

attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical advice/attention if you feel unwell.

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

Narcosis. Behavioural changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. Oedema. Jaundice. Prolonged exposure may cause chronic effects.

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

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing

media

Alcohol resistant foam. Powder. Dry sand. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

•

Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire fighting face shield, gloves, rubber boots, and in enclosed space.

Move containers from fire area if you can do so without the special fire fighting.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose

holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not

breathe fumes.

Specific methods

procedures

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Scoop up used absorbent into drums or other appropriate container. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers.

6.4. Reference to other sections

Use personal protection recommended in Section 8 of the SDS. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Mark Section Steel Section Steel Section S	Austria. MAK List, OEL Ordinance (G Components	Туре	Value	Form
STEL	Acetone (CAS 67-64-1)	MAK	1200 mg/m3	
STEL	(6/18/6/17)		_	
Ethylbenzene (CAS Ceilling B80 mg/m3 2000 ppm MAK 440 mg/m3 100 41-4) 200 ppm MAK 440 mg/m3 100 ppm 100		STFI		
Celling S80 mg/m3 100-41-4 200 ppm		0.22	_	
100-41-4)	Ethylhenzene (CAS	Ceiling		
MAK		Cennig	000 mg/m3	
MAK	,		200 ppm	
Silica, amorphous (CAS MAK 4 mg/m3 Inhalable fraction. 7631-86-9) MAK 221 mg/m3 50 ppm 5 TEL 442 mg/m3 100 ppm 5 TEL 442 mg/m3 100 ppm 5 TEL 442 mg/m3 100 ppm 5 TEL 442 mg/m3 50 ppm 6 dust. 6 mg/m3 6		MAK		
Silica, amorphous (CAS MAK 4 mg/m3 Inhalable fraction. Form			•	
Mark Separation Separatio	Silica, amorphous (CAS	MAK		Inhalable fraction.
STEL	7631-86-9)		3 -	
STEL	Xylene (CAS 1330-20-7)	MAK	221 mg/m3	
Zinc oxide (CAS 1314-13-2) MAK 5 mg/m3 Fume and respirable dust.			50 ppm	
Mark 5 mg/m3 Fume and respirable dust.		STEL	442 mg/m3	
Belgium. Exposure Limit Values. Type Value Form			100 ppm	
Belgium. Exposure Limit Values. Type Value Form	Zinc oxide (CAS 1314-13-2)	MAK	5 mg/m3	Fume and respirable
Acetone (CAS 67-64-1)	,		G	
Components Type Value Form Acetone (CAS 67-64-1) STEL 2420 mg/m3 1000 ppm 1210 mg/m3 500 ppm 1210 mg/m3 500 ppm 1210 mg/m3 1200 ppm 1210 mg/m3 1200 ppm 1200	Belgium. Exposure Limit Values.			
Ethylbenzene (CAS TWA 1210 mg/m3 500 ppm 1210 mg/m3 500 ppm 700		Туре	Value	Form
Ethylbenzene (CAS STEL 1000 ppm 1210 mg/m3 500 ppm 700 p	Acetone (CAS 67-64-1)	STFI	2420 mg/m²	
TWA 1210 mg/m3 500 ppm 500 ppm 5100-41-4) 125 ppm 125 ppm 125 ppm 100-41-4) 125 ppm 100 ppm	10010110 (0/10 0/ 04-1)	OILL	•	
Ethylbenzene (CAS STEL S51 mg/m3 Fume. 125 ppm		TWΔ		
Ethylbenzene (CAS STEL 551 mg/m3 100-41-4) 125 ppm TWA 442 mg/m3 100 ppm 100 ppm		1 77/3	<u> </u>	
100-41-4 TWA	Ethylhenzene (CAS	STEI	• •	
TWA		SILL	331 Hig/Hi3	
TWA 442 mg/m3 100 ppm Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)	,		125 ppm	
Mineral Spirits Regular TWA 533 mg/m3 Siddard Solvent (CAS 8052-41-3) 100 ppm 100 ppm 100 ppm 100 ppm		TWA		
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3) Silicic Acid, Calcium Salt (CAS 1344-95-2) Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 Fume. 10 mg/m3 Fume. 10 mg/m3 Respirable fraction. TWA 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. TWA 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. TWA 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. Twy STEL 1400 mg/m3 Inhalable fraction. Twy STEL 1420 mg/m3 Inhalable fraction. Twy STEL 1420 mg/m3 Respirable fraction.				
Stoddard Solvent (CAS 88052-41-3)	Mineral Spirits Regular	TWA		
Solicic Acid, Calcium Salt			555 Mg/M5	
Silicic Acid, Calcium Salt (CAS 1344-95-2) STEL	8052-41-3)			
CAS 1344-95-2 Xylene (CAS 1330-20-7) STEL				
Acetone (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 50 ppm		TWA	10 mg/m3	
TWA 221 mg/m3 50 ppm Zinc oxide (CAS 1314-13-2) STEL 10 mg/m3 Fume. 10 mg/m3 Respirable fraction. TWA 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. 10 mg/m3 Dust. Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Components Type Value Form Acetone (CAS 67-64-1) STEL 1400 mg/m3 Ethylbenzene (CAS STEL 545 mg/m3 100-41-4) TWA 600 mg/m3 Silica, amorphous (CAS TWA 10 mg/m3 Inhalable fraction. Xylene (CAS 1330-20-7) STEL 442 mg/m3 1000 ppm TWA 221 mg/m3 50 ppm		O.T.E.I	440	
TWA 221 mg/m3 50 ppm 201 mg/m3 Fume. 10 mg/m3 Respirable fraction. TWA 5 mg/m3 Respirable fraction. 10 mg/m3 Respirable fraction. 10 mg/m3 Respirable fraction. 10 mg/m3 Dust. 2 mg/m3 Respirable fraction. 2 mg/m3 100 ppm 2 mg/m3 100 pp	Xylene (CAS 1330-20-7)	SIEL		
STEL		T)4/6		
STEL		IWA		
TWA 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. 5 mg/m3 Fume. 2 mg/m3 Respirable fraction. 10 mg/m3 Dust. Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Components Type Value Form Acetone (CAS 67-64-1) STEL 1400 mg/m3 TWA 600 mg/m3 Ethylbenzene (CAS STEL 545 mg/m3 100-41-4) TWA 435 mg/m3 Silica, amorphous (CAS TWA 10 mg/m3 Inhalable fraction. TWA 435 mg/m3 Respirable fraction. TWA 435 mg/m3 Inhalable fraction. Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 50 ppm		OTT:	• •	_
TWA	Zinc oxide (CAS 1314-13-2)	STEL		
2 mg/m3 Respirable fraction. 10 mg/m3 Dust.				
Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Type Value Form		TWA	9	
Bulgaria OELs Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Type Value Form			_	•
Components Type Value Form Acetone (CAS 67-64-1) STEL TWA 1400 mg/m3 600 mg/m3 545 mg/m3 545 mg/m3 Ethylbenzene (CAS 100-41-4) TWA 435 mg/m3 10 mg/m3 Inhalable fraction. Silica, amorphous (CAS 7631-86-9) TWA 10 mg/m3 Inhalable fraction. Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 100 ppm 221 mg/m3 50 ppm			10 mg/m3	Dust.
Acetone (CAS 67-64-1) Acetone (CAS 67-64-1) STEL TWA 600 mg/m3 600 mg/m3 545 mg/m3 TWA 435 mg/m3 Silica, amorphous (CAS TWA 10 mg/m3 Inhalable fraction. 7631-86-9) Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 50 ppm		= -	= = = = = = = = = = = = = = = = = = = =	
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100-41-4) TWA	Ethylbenzene (CAS			
TWA 435 mg/m3 Silica, amorphous (CAS 7631-86-9) TWA 10 mg/m3 Inhalable fraction. 0,07 mg/m3 Respirable fraction. Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 50 ppm			- · · · · · · · · · · · · · · ·	
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7631-86-9) 0,07 mg/m3 Respirable fraction. Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm TWA 221 mg/m3 50 ppm	Silica, amorphous (CAS	TWA		Inhalable fraction.
Xylene (CAS 1330-20-7) STEL 442 mg/m3 100 ppm 100 ppm TWA 221 mg/m3 50 ppm 50 ppm			_	
TWA 100 ppm 221 mg/m3 50 ppm			0,07 mg/m3	Respirable fraction.
TWA 221 mg/m3 50 ppm	Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
TWA 221 mg/m3 50 ppm			_	
50 ppm		TWA		
			_	
	Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	

Acetone (CAS 67-64-1)

1210 mg/m3 500 ppm

TWA

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Туре	Value	Form
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Mineral Spirits Regular	STEL	600 mg/m3	
Stoddard Solvent (CAS 3052-41-3)			
		100 ppm	
	TWA	300 mg/m3	
		50 ppm	
Silica, amorphous (CAS	TWA	2 mg/m3	Respirable dust.
7631-86-9)	T)A/A	40	
Silicic Acid, Calcium Salt (CAS 1344-95-2)	TWA	10 mg/m3	
Xylene (CAS 1330-20-7)	STEL	450 mg/m3	
Aylette (OAO 1000-20-1)	SILL	100 ppm	
	TWA	200 mg/m3	
	1 V V /\	200 mg/ms 50 ppm	
7ino ovido (CAS 1214 12 0)	TWA	• •	
Zinc oxide (CAS 1314-13-2)		5 mg/m3	
Finland. Workplace Exposure Limit			F
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	1500 mg/m3	
, ,		630 ppm	
	TWA	1200 mg/m3	
		500 ppm	
Ethylbenzene (CAS	STEL	880 mg/m3	
100-41-4)	0.22	330 mg/ma	
,		200 ppm	
	TWA	220 mg/m3	
		50 ppm	
Xylene (CAS 1330-20-7)	STEL	440 mg/m3	
, (,		100 ppm	
	TWA	220 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Fume.
	TWA	2 mg/m3	Fume.
France Three bald Limit Value of All		_	
France. Threshold Limit Values (VL Components	Type	sure to Chemicals in France, in Value	Form
Acetone (CAS 67-64-1)	VLE	2420 mg/m3	
. ,		1000 ppm	
	VME	1210 mg/m3	
		500 ppm	
Ethylbenzene (CAS	VLE	442 mg/m3	
100-41-4)		· ·	
		100 ppm	
	VME	88,4 mg/m3	
	VME	88,4 mg/m3 20 ppm	
Xylene (CAS 1330-20-7)	VME VLE	_	
Xylene (CAS 1330-20-7)		20 ppm	
Xylene (CAS 1330-20-7)		20 ppm 442 mg/m3	
Xylene (CAS 1330-20-7)	VLE	20 ppm 442 mg/m3 100 ppm 221 mg/m3	
	VLE VME	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm	Fume.
	VLE	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3	Fume. Dust.
Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory)	VLE VME VME	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3	Dust.
Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory on the Work Area (DFG)	VLE VME VME OELs). Commission for the	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3	Dust. s of Chemical Compounds
Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory on the Work Area (DFG)	VLE VME VME	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3	Dust.
Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory on the Work Area (DFG) Components	VLE VME VME OELs). Commission for the	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3	Dust. s of Chemical Compounds
Xylene (CAS 1330-20-7) Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory on the Work Area (DFG) Components Acetone (CAS 67-64-1)	VLE VME VME OELs). Commission for the	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3 Investigation of Health Hazards	Dust. s of Chemical Compounds
Zinc oxide (CAS 1314-13-2) Germany. DFG MAK List (advisory on the Work Area (DFG) Components	VLE VME VME OELs). Commission for the	20 ppm 442 mg/m3 100 ppm 221 mg/m3 50 ppm 5 mg/m3 10 mg/m3 Investigation of Health Hazards Value 1200 mg/m3	Dust. s of Chemical Compounds

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

in the Work Area (DFG) Components	Туре	Value	Form
		20 ppm	
Metallic Zinc (CAS 7440-66-6)	TWA	2 mg/m3	Inhalable fraction.
Silica, amorphous (CAS	TWA	0,1 mg/m3 4 mg/m3	Respirable fraction. Inhalable fraction.
7631-86-9) Xylene (CAS 1330-20-7)	TWA	440 mg/m3	
Aylerie (CAS 1330-20-7)	IWA	100 ppm	
Germany. TRGS 900, Limit Values Components	in the Ambient Air at the Workplace Type	Value	Form
Acetone (CAS 67-64-1)	AGW	1200 mg/m3	
Acetone (CAS 67-04-1)	AGW	500 ppm	
Ethylbenzene (CAS	AGW	88 mg/m3	
100-41-4)		-	
0.11.	4.014/	20 ppm	
Silica, amorphous (CAS 7631-86-9)	AGW	4 mg/m3	Inhalable fraction.
7631-66-9) Xylene (CAS 1330-20-7)	AGW	440 mg/m3	
, - (100 ppm	
Greece. OELs (Decree No. 90/1999	, as amended)	• •	
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	3560 mg/m3	
•	TWA	1780 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3	
		125 ppm	
	TWA	435 mg/m3	
		100 ppm	
Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)	STEL	720 mg/m3	
		125 ppm	
	TWA	575 mg/m3	
		100 ppm	
Silicic Acid, Calcium Salt (CAS 1344-95-2)	TWA	5 mg/m3	Respirable.
,		10 mg/m3	Inhalable
Xylene (CAS 1330-20-7)	STEL	650 mg/m3	
		150 ppm	
	TWA	435 mg/m3	
	0771	100 ppm	_
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
Hungary. OELs. Joint Decree on C Components	hemical Safety of Workplaces Type	Value	Form
Acetone (CAS 67-64-1)	STEL	2420 mg/m3	
	TWA	1210 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	442 mg/m3	
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
7:: (OAO 4044 40 0)	TWA	221 mg/m3	Description
Zinc oxide (CAS 1314-13-2)	STEL TWA	20 mg/m3 5 mg/m3	Respirable. Respirable.
looland OELa Bassiciian 454/400		o mg/ma	пеърнавіе.
iceland. OELS. Regulation 154/199 Components	9 on occupational exposure limits Type	Value	Form
Acetone (CAS 67-64-1)	TWA	600 mg/m3	
		250 ppm	
Ethylbenzene (CAS	STEL	884 mg/m3	

Iceland. OELs. Regulation 154/1999 Components	Type	Value	Form
	.,,,,		
		200 ppm	
	TWA	200 mg/m3	
# 10 · '' P 1	T144.4	50 ppm	
Mineral Spirits Regular	TWA	145 mg/m3	
Stoddard Solvent (CAS 3052-41-3)			
3032-41-3)		25 ppm	
(ylene (CAS 1330-20-7)	STEL	442 mg/m3	
Ryletie (OAO 1000-20-1)	SILL	100 ppm	
	TWA	109 mg/m3	
	IWA	25 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	4 mg/m3	Fume.
		4 mg/ms	rume.
reland. Occupational Exposure Lin			-
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
,		500 ppm	
Ethylbenzene (CAS	STEL	884 mg/m3	
100-41-4)		J	
		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Mineral Spirits Regular	TWA	573 mg/m3	
Stoddard Solvent (CAS		· ·	
3052-41-3)			
		100 ppm	
Silicic Acid, Calcium Salt	TWA	4 mg/m3	Respirable dust.
CAS 1344-95-2)		40 / 0	+
() (0.4.0, 4.0.0, 0.0, 7)	OTEL	10 mg/m3	Total inhalable dust.
Kylene (CAS 1330-20-7)	STEL	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction and
	TWA	0 ma/m0	fume.
	IVVA	2 mg/m3	Respirable fraction and fume.
tale. Occupational Functional imit	_		idillo.
Italy. Occupational Exposure Limits Components	s Type	Value	Form
•			
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
		500 ppm	
Ethylbenzene (CAS	STEL	884 mg/m3	
100-41-4)			
		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Mineral Spirits Regular	TWA	100 ppm	
Stoddard Solvent (CAS			
8052-41-3) Silicic Acid, Calcium Salt	TWA	1 mg/m2	Inhalable fraction.
CAS 1344-95-2)	I VV A	1 mg/m3	mmaiable machon.
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
-, (2.12.1000 20.7)		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
-110 OXIGE (OAO 1014-10-2)	TWA	2 mg/m3	Respirable fraction.
		_	•
Latvia, OELs, Occupational exposu	re limit values of chemical substance		
	Туре	Value	
Components	TWA	1210 ma/m3	
Components	TWA	1210 mg/m3 500 ppm	
Components Acetone (CAS 67-64-1) Ethylbenzene (CAS	TWA STEL	1210 mg/m3 500 ppm 884 mg/m3	

Latvia. OELs. Occupational expos Components	Туре	Value
		200 ppm
	TWA	442 mg/m3
		100 ppm
Propylene carbonate (CAS 108-32-7)	TWA	2 mg/m3
Silica, amorphous (CAS 7631-86-9)	TWA	1 mg/m3
Xylene (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
7ino ovido (CAS 1214 12.2)	T\A/ A	50 ppm
Zinc oxide (CAS 1314-13-2)	TWA	0,5 mg/m3
Lithuania. OELs. Limit Values for Components	Chemical Substances, Gene Type	eral Requirements Value
Acetone (CAS 67-64-1)	STEL	2420 mg/m3
		1000 ppm
	TWA	1210 mg/m3
		500 ppm
Benzene, 1-Chloro-4 (Trifluoromethyl) (CAS 98-56-6)	TWA	20 mg/m3
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
,		200 ppm
	TWA	442 mg/m3
		100 ppm
Propylene carbonate (CAS 108-32-7)	TWA	7 mg/m3
Xylene (CAS 1330-20-7)	STEL	450 mg/m3 100 ppm
	TWA	200 mg/m3
		50 ppm
Zinc oxide (CAS 1314-13-2)	TWA	5 mg/m3
Luxembourg. Binding Occupation	-	
Components	Туре	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m3
		500 ppm
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
,		200 ppm
	TWA	442 mg/m3
		100 ppm
Xylene (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 ppm
Malta. OELs. Occupational Expos Schedules I and V)	ure Limit Values (L.N. 227. of	f Occupational Health and Safety Authority Act (CAP. 424)
Components	Туре	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m3
•		500 ppm
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3

110010110 (0110 01 01 1)		· = · · · · · · · · · · · · · ·	
		500 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
, in the second		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	

Netherlands. OELs (binding)	T	Valor	
Components	Туре	Value	
Acetone (CAS 67-64-1)	STEL	2420 mg/m3	
	TWA	1210 mg/m3	
Ethylbenzene (CAS	STEL	430 mg/m3	
100-41-4)	TWA	215 mg/m3	
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
Aylette (CAS 1330-20-7)	TWA	210 mg/m3	
		· ·	
Norway. Administrative Norms for Components	-	lace Value	
Components	Туре	value	
Acetone (CAS 67-64-1)	TLV	295 mg/m3	
		125 ppm	
Ethylbenzene (CAS	TLV	20 mg/m3	
100-41-4)		_	
V I (OAO 1000 00 7)	T1.)/	5 ppm	
Xylene (CAS 1330-20-7)	TLV	108 mg/m3	
-		25 ppm	
Zinc oxide (CAS 1314-13-2)	TLV	5 mg/m3	
Poland. MACs. Regulation regardi	ng maximum permissible co	ncentrations and intensities of	f harmful factors in the wo
environment, Annex 1	_		Faver
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	1800 mg/m3	
,	TWA	600 mg/m3	
Ethylbenzene (CAS	STEL	400 mg/m3	
100-41-4)			
·	TWA	200 mg/m3	
Xylene (CAS 1330-20-7)	TWA	100 mg/m3	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Inhalable fraction.
,	TWA	5 mg/m3	Inhalable fraction.
Portugal. OELs. Decree-Law n. 290	0/2001 (Journal of the Repub	olic - 1 Series A, n.266)	
Components	Туре	Value	
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
7.66.6 (6.1.6.6)		500 ppm	
Ethylbenzene (CAS	STEL	884 mg/m3	
100-41-4)	0.22	33 ·g,	
,		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Portugal. VLEs. Norm on occupati	onal exposure to chemical a	• •	
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	750 ppm	
Acetorie (CAS 07-04-1)	TWA	500 ppm	
Ethylbenzene (CAS	STEL	125 ppm	
100-41-4)	SILL	123 ρριτί	
100 11 1)	TWA	100 ppm	
Mineral Spirits Regular	TWA	100 ppm	
Stoddard Solvent (CAS		. 00 pp	
8052-41-3)			
Silicic Acid, Calcium Salt	TWA	10 mg/m3	
(CAS 1344-95-2)	o==:		
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
Romania. OELs. Protection of wor	kers from exposure to chem	ical agents at the workplace	
Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
AUSTONIO (SALO OF OT-1)	1 **/ \	12 10 mg/mo	

Romania. OELs. Protection of workers f Components	rom exposure to chemical agents a Type	at the workplace Value	Form
		500 ppm	
Ethylbenzene (CAS	STEL	884 mg/m3	
100-41-4)		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Mineral Spirits Regular	STEL	1000 mg/m3	
Stoddard Solvent (CAS 8052-41-3)	0	. 000g,e	
	TWA	700 mg/m3	
Kylene (CAS 1330-20-7)	STEL	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
Slovakia. OELs. Regulation No. 300/200` Components	7 concerning protection of health i Type	n work with chemica Value	l agents Form
•		1010	
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
Sthulbenzone (CAC	CTCI	500 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
100 II I /		200 ppm	
	TWA	442 mg/m3	
		100 ppm	
Metallic Zinc (CAS	TWA	2 mg/m3	Inhalable fraction.
7440-66-6)		3	
		0,1 mg/m3	Respirable fraction.
Mineral Spirits Regular Stoddard Solvent (CAS 3052-41-3)	STEL	600 mg/m3	
3002 11 0)		100 ppm	
	TWA	300 mg/m3	
		50 ppm	
Xylene (CAS 1330-20-7)	STEL	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	1 mg/m3	Respirable fume.
	TWA	1 mg/m3	Respirable fume.
Slovenia. OELs. Regulations concerning		ks due to exposure to	chemicals while working
Official Gazette of the Republic of Slove Components	Туре	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
,		500 ppm	
Ethylbenzene (CAS	TWA	442 mg/m3	
100-41-4)		· ·	
		100 ppm	
Silica, amorphous (CAS	TWA	4 mg/m3	Inhalable fraction.
7631-86-9)	T10// 0	001	
Xylene (CAS 1330-20-7)	TWA	221 mg/m3	
Zinc oxide (CAS 1314-13-2)	TWA	50 ppm 5 mg/m3	Respirable fume.
·	IVVA	o mg/mo	ricopirable lulile.
Spain. Occupational Exposure Limits Components	Туре	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3	
		500 ppm	
		• • •	
	STEL	884 ma/m3	
Ethylbenzene (CAS	STEL	884 mg/m3	
Ethylbenzene (CAS	STEL	884 mg/m3 200 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	-	

Spain. Occupational Exposure Limi Components	Туре	Value	Form
Silicic Acid, Calcium Salt CAS 1344-95-2)	TWA	10 mg/m3	
Kylene (CAS 1330-20-7)	STEL	442 mg/m3	
1900 20 77	3.22	100 ppm	
	TWA	221 mg/m3	
	1 4471	50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
2110 0xide (0A0 1014-10-2)	TWA	2 mg/m3	Respirable fraction.
Sundan Occupational France Li		Z mg/me	ricopirable fraction.
Sweden. Occupational Exposure Li Components		Value	Form
Components	Туре	value	
Acetone (CAS 67-64-1)	STEL	1200 mg/m3	
		500 ppm	
	TWA	600 mg/m3	
		250 ppm	
Ethylbenzene (CAS	Ceiling	884 mg/m3	
100-41-4)			
		200 ppm	
	TWA	220 mg/m3	
		50 ppm	
Xylene (CAS 1330-20-7)	Ceiling	442 mg/m3	
		100 ppm	
	TWA	221 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	5 mg/m3	Total dust.
Switzerland. SUVA Grenzwerte am	Arbeitsplatz		
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	2400 mg/m3	
ricetone (Grid or 0+ 1)	0122	1000 ppm	
	TWA	1200 mg/m3	
	IVVA	500 ppm	
Ethylbonzono (CAS	STEL		
Ethylbenzene (CAS 100-41-4)	SIEL	220 mg/m3	
,		50 ppm	
	TWA	220 mg/m3	
		50 ppm	
Silicic Acid, Calcium Salt	TWA	3 mg/m3	Respirable dust.
(CAS 1344-95-2)		- ····g, ····c	- · · · · · · · · · · · · · · · · ·
Xylene (CAS 1330-20-7)	STEL	870 mg/m3	
•		200 ppm	
	TWA	435 mg/m3	
		100 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	3 mg/m3	Fume and respirable
,		-	dust.
	TWA	3 mg/m3	Fume and respirable
			dust.
UK. EH40 Workplace Exposure Lim			_
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	3620 mg/m3	
		1500 ppm	
	TWA	1210 mg/m3	
		500 ppm	
Ethylbenzene (CAS	STEL	552 mg/m3	
100-41-4)		-	
		125 ppm	
	TWA	441 mg/m3	
		100 ppm	
	TWA	4 mg/m3	Respirable dust.
	TWA	-	·
(CAS 1344-95-2)		10 mg/m3	Respirable dust. Inhalable dust.
Silicic Acid, Calcium Salt (CAS 1344-95-2) Xylene (CAS 1330-20-7)	TWA STEL	-	·

UK.	EH40	Workplace	Exposure	Limits	(WELs)
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Components	Туре	Value Form
	TWA	220 mg/m3
		50 ppm
EU. Indicative Exposure Limit Va	alues in Directives 91/322/EEC	, 2000/39/EC, 2006/15/EC, 2009/161/EU
Components	Туре	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m3
		500 ppm
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
·		200 ppm
	TWA	442 mg/m3
		100 ppm
Xylene (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3

50 ppm

Biological limit values

Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	20 mg/g	Acetone	Creatinine in urine	*
	20 mg/l	Acetone	Blood	*
	0,34 mmol/l	Acetone	Blood	*
	38,95 mmol/mol	Acetone	Creatinine in urine	*
Ethylbenzene (CAS 100-41-4)	1,5 g/g	Mandelic acid	Creatinine in urine	*
	1,5 mg/l	Ethylbenzene	Blood	*
	1,12 mol/mol	Mandelic acid	Creatinine in urine	*
	83,2 nmol/l	Ethylbenzene	End-exhaled air	*
	2 ppm	Ethylbenzene	End-exhaled air	*
	14,13 umol/l	Ethylbenzene	Blood	*
Xylene (CAS 1330-20-7)	1,5 g/g	Methylhippuric acids	Creatinine in blood	*
	1,5 mg/l	Xylene	Blood	*
	0,88 mol/mol	Methylhippuric acids	Creatinine in blood	*
	14,13 umol/l	Xylene	Blood	*

^{* -} For sampling details, please see the source document.

Czech Republic. Limit Values for Indictators of Biological Exposure Tests in Urine and Blood, Annex 2, Tables 1 and 2, Government Decree 432/2003 Sb.

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1100 μmol/mmol	Mandelic acid	Creatinine in urine	*
	1500 mg/g	Mandelic acid	Creatinine in urine	*
Xylene (CAS 1330-20-7)	820 µmol/mmol	Methylhippuric acids	Creatinine in urine	*
	1400 mg/g	Methylhippuric acids	Creatinine in urine	*

^{* -} For sampling details, please see the source document.

Finland. HTP-arvot, App 2., Biological Limit Values, (BRA/BGV), Social Affairs and Ministry of Health				
Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	5,2 mmol/l	Mandelic acid	Urine	*
Xylene (CAS 1330-20-7)	5 mmol/l	Methylhippuric acids	Urine	*

^{* -} For sampling details, please see the source document.

France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	100 mg/l	Acétone	Urine	*
Ethylbenzene (CAS 100-41-4)	1500 mg/g	Acide mandélique	Creatinine in urine	*
Xylene (CAS 1330-20-7)	1500 mg/g	Acides méthylhippuriq	Creatinine in urine	*

^{* -} For sampling details, please see the source document.

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling time	
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*	
Ethylbenzene (CAS 100-41-4)	300 mg/l	Mandelsäure plus Phenylglyoxyls äure	Urine	*	
Xylene (CAS 1330-20-7)	2000 mg/l	Methylhippur-(T olur-) säure (alle Isomere)	Urine	*	
	1,5 mg/l	Xylol	Blood	*	

^{* -} For sampling details, please see the source document.

Hungary. Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1500 mg/g	mandelic acid	Creatinine in urine	*
	1110 µmol/mmol	mandelic acid	Creatinine in urine	*
Xylene (CAS 1330-20-7)	1500 mg/g	methyl hippuric acids	Creatinine in urine	*
	860 µmol/mmol	methyl hippuric acids	Creatinine in urine	*

^{* -} For sampling details, please see the source document.

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling time	
Acetone (CAS 67-64-1)	53,36 mg/g	Acetone	Creatinine in urine	*	
	80 mg/l	Acetone	Urine	*	
Ethylbenzene (CAS 100-41-4)	8,03 mg/g	2-ethylphenol	Creatinine in urine	*	
,	12 mg/l	2-ethylphenol	Urine	*	
Xylene (CAS 1330-20-7)	1334 mg/g	Methylhippuric acids	Creatinine in urine	*	
	2000 mg/l	Methylhippuric acids	Urine	*	
	1,5 mg/l	Xylene	Blood	*	

^{* -} For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4

Components	Value	Determinant	Specimen	Sampling time	
Acetone (CAS 67-64-1)	50 mg/l	Acetona	Urine	*	
Ethylbenzene (CAS 100-41-4)	700 mg/g	Suma del acido mandélico y el ácido fenilglioxílico	Creatinine in urine	*	
Xylene (CAS 1330-20-7)	1 g/g	Ácidos metilhipúricos	Creatinine in urine	*	

^{* -} For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling time	
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*	

Curitanaland	DAT Works	/Dialogical Limit	Valuacia the	Morlenlana		CHIVAN
Switzeriand.	DAI-Werte	(Biological Limit	values in the	workplace	as pei	r SUVA)

Components	Value	Determinant	Specimen	Sampling time	
Ethylbenzene (CAS 100-41-4)	800 mg/l	Mandelsäure plus Phenylglyoxyls äure	Urine	*	
Xylene (CAS 1330-20-7)	1,5 g/g	Methyl-Hippurs äure	Creatinine in urine	*	
	1,5 mg/l	Xylol	Blood	*	

^{* -} For sampling details, please see the source document.

IIK EH/O Biological Monitoring Guidance Values (RMGVs)

Components	Value	Determinant	Specimen	Sampling time
Xylene (CAS 1330-20-7)	650 mmol/mol	Methyl hippuric	Creatinine in	*
		acid	urine	

^{* -} For sampling details, please see the source document.

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no effect levels

(DNELs)

Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines

EU Exposure Limit Values: Skin designation

Ethylbenzene (CAS 100-41-4) Can be absorbed through the skin. Xylene (CAS 1330-20-7) Can be absorbed through the skin.

Slovenia, OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Ethylbenzene (CAS 100-41-4) Can be absorbed through the skin. Xylene (CAS 1330-20-7) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Use personal protective equipment as required. Personal protection equipment should be chosen **General information**

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Wear appropriate chemical resistant gloves.

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. - Other

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary.

Thermal hazards

Observe any medical surveillance requirements. When using do not smoke. Always observe good Hygiene measures personal hygiene measures, such as washing after handling the material and before eating,

drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

Environmental exposure

controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Gas. Aerosol **Form**

Colour Light grey. Opaque.

Aromatic. Hydrocarbon-like. Odour

Odour threshold Not available.

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

pH Not available.Melting point/freezing point Not available.Initial boiling point and boiling Not available.

range

Flash point $< 23.0 \,^{\circ}\text{C} \, (< 73.4 \,^{\circ}\text{F})$

Evaporation rate Not available.
Flammability (solid, gas) Flammable gas
Upper/lower flammability or explosive limits

Explosive limit - lower (%) 0,9
Explosive limit - upper 10,5

(%)

Vapour pressure> 1 kPa @ 25°CVapour density> 1 (Air = 1)Relative densityNot available.

Solubility(ies)

Solubility (water) Insoluble in water
Solubility (other) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature

Decomposition temperature

Viscosity

Explosive properties

Oxidising properties

Not available.

Not available.

Not explosive.

Not explosive.

Not oxidising.

9.2. Other information

 $\begin{array}{lll} \textbf{Density} & 14,71 \text{ g/cm3} \\ \textbf{Heat of combustion} & 20 - 30 \text{ kJ/g} \\ \textbf{Percent volatile} & 55,4 \% \\ \textbf{Specific gravity} & 1,76 @ 25 ^{\circ}\text{C} \\ \end{array}$

VOC 0.76 MIR per U.S. State and Federal Aerosol Coating Regulations

SECTION 10: Stability and reactivity

10.1. ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Strong acids. Strong oxidising agents. Halogens.

10.6. Hazardous Irritating and/or toxic fumes and gases may be er

decomposition products

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact Harmful in contact with skin. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms Narcosis. Behavioural changes. Decrease in motor functions. Severe eye irritation. Symptoms

may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin

reaction. Dermatitis. Rash. Oedema. Jaundice.

11.1. Information on toxicological effects

Acute toxicity Harmful in contact with skin. Harmful if inhaled.

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

Components **Species Test results** Acetone (CAS 67-64-1) **Acute Dermal** LD50 Rabbit > 20 ml/kg, 24 Hours Inhalation Vapour LC50 Rat 50,1 mg/l, 4 Hours Oral LD50 9,1 ml/kg Rat Benzene, 1-Chloro-4 (Trifluoromethyl) (CAS 98-56-6) **Acute Dermal** LD50 Rat 1,13 - 1,43 ml/kg Oral LD50 Rat 1,39 ml/kg Ethylbenzene (CAS 100-41-4) **Acute** Dermal LD50 Rabbit 17,8 ml/kg, 24 Hours Inhalation Vapour LC50 Rat 4000 ppm, 4 Hours Oral LD50 Rat 3500 mg/kg Metallic Zinc (CAS 7440-66-6) **Acute** Inhalation Dust LC50 Rat > 5410 mg/m3, 4 Hours Oral LD50 Rat 630 mg/kg Silica, amorphous (CAS 7631-86-9) **Acute** Dermal LD50 Rabbit > 2000 mg/kg, 24 Hours Inhalation Dust LC50 Rat > 0,14 mg/l, 4 Hours Oral LD50 Rat > 3300 mg/kg Silicic Acid, Calcium Salt (CAS 1344-95-2) **Acute Dermal** LD50 Rabbit > 5000 mg/kg, 24 Hours Inhalation Dust LC50 Rat > 0,69 mg/l, 4 Hours Oral LD50 Rat > 5000 mg/kg Xylene (CAS 1330-20-7) **Acute Dermal** LD50 Rabbit > 5000 ml/kg, 4 Hours

Species Test results Components Inhalation Vapour LC50 Rat 6700 ppm, 4 Hours Oral Rat LD50 10 ml/kg Zinc oxide (CAS 1314-13-2) **Acute Dermal** LD50 Rat > 2000 mg/kg, 24 Hours Inhalation LC50 Rat > 5700 mg/m3, 4 Hours Oral LD50 Rat > 5000 mg/kg Skin corrosion/irritation Prolonged skin contact may cause temporary irritation. Serious eve damage/eve Causes serious eye irritation. irritation

Not a respiratory sensitizer. Respiratory sensitisation

Skin sensitisation May cause an allergic skin reaction.

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Suspected of causing cancer. Carcinogenicity

ACGIH Carcinogens

Acetone (CAS 67-64-1) Not classifiable as a human carcinogen. A4

Ethylbenzene (CAS 100-41-4) Confirmed animal carcinogen with unknown relevance to humans.

А3

Silicic Acid, Calcium Salt (CAS 1344-95-2) Not classifiable as a human carcinogen. A4 Xylene (CAS 1330-20-7) Not classifiable as a human carcinogen. A4

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3) Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

Silica, amorphous (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans. Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

This product is not expected to cause reproductive or developmental effects. Reproductive toxicity

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity repeated exposure

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

organs (auditory organ, liver, Kidney) through prolonged or repeated exposure.

Due to partial or complete lack of data the classification is not possible. **Aspiration hazard**

Mixture versus substance

information

No information available.

Symptoms may be delayed. Other information

SECTION 12: Ecological information

12.1. Toxicity Very toxic to aquatic life with long lasting effects.

Components		Species	Test results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	10294 - 17704 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Ethylbenzene (CAS 100-41	-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1,37 - 4,4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 7,5 - 11 mg/l, 96 hours	

Components Species Test results

Metallic Zinc (CAS 7440-66-6)

Aquatic

Crustacea EC50 Water flea (Daphnia magna) 2,8 mg/l, 48 hours
Fish LC50 Rainbow trout,donaldson trout 0,56 mg/l, 96 hours

(Oncorhynchus mykiss)

Xylene (CAS 1330-20-7)

Aquatic

Fish LC50 Bluegill (Lepomis macrochirus) 7,711 - 9,591 mg/l, 96 hours

Zinc oxide (CAS 1314-13-2)

Aquatic

Fish LC50 Fathead minnow (Pimephales promelas) 2246 mg/l, 96 hours

12.2. Persistence andNo data is available on the degradability of this product.

degradability

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Acetone -0,24
Ethylbenzene 3,15
Mineral Spirits Regular Stoddard Solvent 3,16 - 7,15
Xylene 3,12 - 3,2

Bioconcentration factor (BCF)

Not available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT

Not available.

and vPvB assessment

12.6. Other adverse effects None known.

12.7. Additional information

Estonia Dangerous substances in groundwater Data

Ethylbenzene (CAS 100-41-4)
Ethylbenzene 0,5 UG/L
Ethylbenzene 50 UG/L
Metallic Zinc (CAS 7440-66-6)
Zinc (Zn) 50 UG/L

Zinc (Zn) 5000 UG/L

Estonia Dangerous substances in soil Data

Ethylbenzene (CAS 100-41-4) Ethylbenzene 0,1 mg/kg

Ethylbenzene 5 mg/kg Ethylbenzene 50 mg/kg Zinc (Zn) 1000 mg/kg

Metallic Zinc (CAS 7440-66-6) Zinc (Zn) 1000 mg/kg

Zinc (Zn) 200 mg/kg Zinc (Zn) 500 mg/kg

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

EU waste codeThe Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Special precautionsDispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) 2.1 Class Subsidiary risk Label(s) 2.1 Hazard No. (ADR) Not available. Not available. **Tunnel restriction code** Not applicable. 14.4. Packing group 14.5. Environmental hazards Yes Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions for user RID UN1950 14.1. UN number 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) 2.1 Subsidiary risk Label(s) 2.1 14.4. Packing group Not applicable. 14.5. Environmental hazards Yes 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user **ADN** 14.1. UN number UN1950 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) 2.1 Class Subsidiary risk 2.1 Label(s) 14.4. Packing group Not applicable. 14.5. Environmental hazards Yes Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions for user **IATA** UN1950 14.1. UN number 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) 2.1 Class Subsidiary risk 2.1 Label(s) 14.4. Packing group Not applicable. 14.5. Environmental hazards Yes 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user Other information Passenger and cargo Allowed with restrictions. aircraft Allowed with restrictions. Cargo aircraft only UN1950 14.1. UN number

IMDG

Aerosols, flammable, MARINE POLLUTANT 14.2. UN proper shipping

name

14.3. Transport hazard class(es)

2.1 Subsidiary risk Label(s) 2.1

Not applicable. 14.4. Packing group

14.5. Environmental hazards

Marine pollutant Yes

EmS Not available. 14.6. Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

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





Marine pollutant



General information

IMDG Regulated Marine Pollutant.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Acetone (CAS 67-64-1)

Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8) Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Mineral Spirits Regular Stoddard Solvent (CAS 8052-41-3) Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Acetone (CAS 67-64-1) Ethylbenzene (CAS 100-41-4) Metallic Zinc (CAS 7440-66-6)

Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)

Xylene (CAS 1330-20-7) Zinc oxide (CAS 1314-13-2)

Other regulations

Pregnant women should not work with the product, if there is the least risk of exposure. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R15 Contact with water liberates extremely flammable gases.

R17 Spontaneously flammable in air.

R20 Harmful by inhalation.

R20/21 Harmful by inhalation and in contact with skin.

R22 Harmful if swallowed. R23 Toxic by inhalation. R26 Very toxic by inhalation. R36 Irritating to eyes. R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R45 May cause cancer.

R46 May cause heritable genetic damage.

R48 Danger of serious damage to health by prolonged exposure.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H250 Catches fire spontaneously if exposed to air. 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.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H340 May cause genetic defects.

H350 May cause cancer.

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

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

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Material name: LPS® Cold Galvanize - ITW Pro Brands (EU)

SDS EU

Revision information Training information Disclaimer

This document has undergone significant changes and should be reviewed in its entirety. Follow training instructions when handling this material.

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