SYNTOLACK HP PENN MATT

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

1.1 Product identifier

Trade name : SYNTOLACK HP PENN MATT

Product code : L0290118

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

Use of the : Paints, varnishes and enamels

Substance/Mixture

Chemical nature : Mono compound enamel - finish coat

1.3 Details of the supplier of the safety data sheet

Company : Lechler SpA

Via Cecilio 17

22100 Como- CO-

Telephone : +39031586111 Telefax : +39031586206 E-mail address : safety@lechler.eu

Responsible/issuing person

1.4 Emergency telephone number

Tel. +39-031-586301 - This telephone number is available during

office hours only. (8.00-18.00)

This telephone number is available during office hours only.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Specific target organ toxicity - single H336: May cause drowsiness or dizziness.

exposure, Category 3, Central nervous

system

Specific target organ toxicity - repeated

exposure, Category 2

H373: May cause damage to organs through

prolonged or repeated exposure.

Chronic aquatic toxicity, Category 3 H412: Harmful to aquatic life with long lasting

effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms







Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness. H373 May cause damage to organs through

prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting

effects.

EUH066Repeated 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.

P260 Do not breathe dust/ fume/ gas/ mist/

vapours/ spray.

P273 Avoid release to the environment.

Response:

P301 + P310 IF SWALLOWED: Immediately call a

POISON CENTER/doctor.

P331 Do NOT induce vomiting.

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:

• Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

2.3 Other hazards

None known.

No hazards resulting from the material as supplied.

The information required is contained in this Material Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Liquid pigmented dispersion

Hazardous components

Chemical name	CAS-No.	Classification	Concentration

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			T ==/=
	EC-No. Registration number	(REGULATION (EC) No 1272/2008)	[%]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	919-857-5 01-2119463258-33	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 EUH066 Note P	>= 30 - < 50
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2- 25%)	919-446-0 01-2119458049-33	Flam. Liq. 3; H226 STOT SE 3; H336 STOT RE 1; H372 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Note P	>= 2,5 - < 5
trizinc bis(orthophosphate)	7779-90-0 231-944-3 01-2119485044-40	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5
xylene	1330-20-7 215-535-7 01-2119488216-32	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Note C	>= 1 - < 5
zinc oxide	1314-13-2 215-222-5 01-2119463881-32	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : When symptoms persist or in all cases of doubt seek medical

advice

Never give anything by mouth to an unconscious person.

If inhaled : Remove to fresh air.

Keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial

respiration.

If unconscious, place in recovery position and seek medical

advice.

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

Wash skin thoroughly with soap and water or use recognized

skin cleanser.

Do NOT use solvents or thinners. Put shower on working place

In case of eye contact : Irrigate copiously with clean, fresh water for at least 10

minutes, holding the eyelids apart.

Seek medical advice.

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Put eye-washer on working place

Remove contact lenses.

If swallowed : If accidentally swallowed obtain immediate medical attention.

Do NOT induce vomiting.

Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : The first aid procedure should be established in consultation

with the doctor responsible for industrial medicine.

Seek medical advice.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide.

Keep containers and surroundings cool with water spray.

Unsuitable extinguishing

media

: Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during

firefighting

: As the product contains combustible organic components, fire

will produce dense black smoke containing hazardous

products of combustion (see section 10).

Exposure to decomposition products may be a hazard to

health.

Cool closed containers exposed to fire with water spray.

Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

5.3 Advice for firefighters

Special protective equipment

for firefighters

: Wear self-contained breathing apparatus for firefighting if

necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Personal precautions : Solvent vapours are heavier than air and may spread along

floors.

Ensure adequate ventilation.

Use personal protective equipment. Evacuate personnel to safe areas.

Keep people away from and upwind of spill/leak.

Ventilate the area.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water

courses.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean with detergents. Avoid solvents.

Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container. The contaminated area

should be cleaned up immediately with a suitable

decontaminant. One possible (flammable) decontaminant comprises water (45 parts by volume)/ethanol or isopropanol

(50 parts)/concentrated

(d: 0.880) ammonia solution (5 parts). A non-flammable alternative is sodium carbonate (5 parts)/water (95 parts).

Pick up and transfer to properly labelled containers.

Clean contaminated surface thoroughly.

Dam up.

Soak up with inert absorbent material and dispose of as

hazardous waste.

6.4 Reference to other sections

Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see

section 8).

Use only in area provided with appropriate exhaust ventilation.

Avoid contact with skin, eyes and clothing.

Smoking, eating and drinking should be prohibited in the

application area.

Avoid inhalation of vapour or mist. For personal protection see section 8.

Thoroughly mix before using

After using, store in a well-sealed container

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Advice on protection against fire and explosion

: Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than

the occupational exposure limits.

When transferring from one container to another apply earthing measures and use conductive hose material.

No sparking tools should be used.

The product should only be used in areas from which all naked lights and other sources of ignition have been

excluded. No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Observe label precautions.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Solvent vapours are heavier than air and may spread along

floors.

Vapours may form explosive mixtures with air.

Electrical installations / working materials must comply with

the technological safety standards.

Keep away from sources of ignition - No smoking.

Store between 5° an 35°C in a dry, well ventilated place away

from source of heat, ignition and direct sunlight.

Store in accordance with the particular national regulations.

Advice on common storage

: Keep away from oxidizing agents and strongly acid or alkaline

materials.

7.3 Specific end use(s)

: This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No	. Value	Control parameters	Update	Basis
xylenes	1330-20	-7 TWA	50 ppm	2000-06-16	2000/39/EC
			221 mg/m3		
Further information	: skin: lo	skin: Identifies the possibility of significant uptake through the skinIndicative			
		STEL	100 ppm 442 mg/m3	2000-06-16	2000/39/EC
Further information	: skin: lo	skin: Identifies the possibility of significant uptake through the skinIndicative			
zinc oxide	1314-13	-2 TWA		2007-01-01	ACGIH
			2 mg/m3		

according to Regulation (EC) No. 830/2015

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STEL		2007-01-01	ACGIH
	10 mg/m3		

DNEL

Hydrocarbons, C9-C11, nalkanes, isoalkanes, cyclics, <

2% aromatics

: End Use: Workers

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

End Use: Workers

Exposure routes: Inhalation

Potential health effects: Long-term systemic effects

Value: 871 mg/m3

End Use: Consumers

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

End Use: Consumers Exposure routes: Inhalation

Potential health effects: Long-term systemic effects

Value: 900 mg/m3

End Use: Consumers Exposure routes: Ingestion

Potential health effects: Long-term systemic effects

Hydrocarbons, C9-C12, nalkanes, isoalkanes, cyclics,

aromatics (2-25%)

End Use: Workers

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

End Use: Workers

Exposure routes: Inhalation

Potential health effects: Long-term systemic effects

Value: 330 mg/m3

End Use: Consumers

Exposure routes: Skin contact

Potential health effects: Long-term systemic effects

End Use: Consumers Exposure routes: Inhalation

Potential health effects: Long-term systemic effects

Value: 71 mg/m3

End Use: Consumers Exposure routes: Ingestion

Potential health effects: Long-term systemic effects

trizinc bis(orthophosphate) End Use: Workers

Exposure routes: Inhalation

Potential health effects: Local effects

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Value: 5 mg/m3

End Use: Workers

Exposure routes: Skin contact Potential health effects: Local effects

Value: 83 ppm

End Use: Consumers

Exposure routes: Skin contact Potential health effects: Local effects

Value: 83 ppm

End Use: Consumers Exposure routes: Inhalation

Potential health effects: Local effects

Value: 2,5 mg/m3

End Use: Consumers Exposure routes: Ingestion

Potential health effects: Chronic effects

Value: 0,83 ppm

zinc oxide : End Use: Workers

Exposure routes: Inhalation

Potential health effects: Local effects

Value: 5 mg/m3

End Use: Workers

Exposure routes: Skin contact Potential health effects: Local effects

Exposure time: 8 h Value: 83 ppm

End Use: Consumers

Exposure routes: Skin contact Potential health effects: Local effects

Exposure time: 8 h Value: 83 ppm

End Use: Consumers Exposure routes: Inhalation

Potential health effects: Local effects

Value: 2,5 mg/m3

End Use: Consumers Exposure routes: Ingestion

Potential health effects: Chronic effects

Exposure time: 8 h Value: 0,83 ppm

PNEC

trizinc bis(orthophosphate) : Fresh water

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Value: 0,206 mg/l

Marine water Value: 0,0061 mg/l

Fresh water sediment Value: 117,8 mg/kg

Marine sediment Value: 56,5 mg/kg

Soil

Value: 35,6 mg/kg

zinc oxide : Fresh water

Value: 0,0206 mg/l

Marine water Value: 0,0061 mg/l

Fresh water sediment Value: 117,8 mg/kg

Marine sediment Value: 56,5 mg/kg

Soil

Value: 35,6 mg/kg

8.2 Exposure controls

Personal protective equipment

Respiratory protection : Apply technical measures to comply with the occupational

exposure limits.

This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a

short period of time.

Respirator with combination filter for vapour/particulate (EN 141)

Hand protection : Solvent-resistant gloves (butyl-rubber)

For prolonged or repeated contact use protective gloves.

Protective gloves complying with EN 374.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts,

abrasion, and the contact time.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the

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CE approved gloves.

Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.

Skin should be washed after contact. Wash your hands and put on barrier creams

Eye protection : Chemical resistant goggles must be worn.

Skin and body protection : Skin should be washed after contact.

Working clothes must not consist of textiles, which show a

dangerous melting behaviour in case of fire. Personnel should wear protective clothing. Workers should wear antistatic footwear.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

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

Appearance : liquid

Odour : solvent-like

Flash point : > 23 - 55 °C

Ignition temperature : not determined

Lower explosion limit : No data available

Upper explosion limit : No data available

Auto-ignition temperature : Not applicable

pH : not determined

Freezing point : Not applicable

Boiling point : not determined

Vapour pressure : 1,000 hPa

at 50 °C

Density : 0,9205 g/cm3

Water solubility : not determined

Partition coefficient: n- : No data available

according to Regulation (EC) No. 830/2015

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octanol/water

Solubility in other solvents : not determined

Flow time : 65 s

6 mm

Method: ISO/DIN 2431 '84

Relative vapour density : Not applicable

Evaporation rate : not determined

9.2 Other information

Solids by weight : 46,35 %

Volatile organic compounds :

(VOC) content

53,64 %

SECTION 10: Stability and reactivity

10.1 Reactivity

None reasonably foreseeable.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Our products were manufactured in compliance with safety

standards to avoid decomposition and degrading under the

defined conditions.

Taking the product type into account, it is advisable to leave the product in its original packaging thus avoiding transferring

it.

10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and

strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

Hazardous decomposition

products

: Carbon dioxide (CO2), carbon monoxide (CO), oxides of

nitrogen (NOx), dense black smoke.

Thermal decomposition : Not applicable

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l, 4 h, vapour, Calculation

method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg, Calculation method

Skin corrosion/irritation : Repeated or prolonged contact with the mixture may cause removal

of natural fat from the skin resulting in desiccation of the skin., The

product may be absorbed through the skin.

Further information : The concentration of each substance should be borne in mind in

assessing the toxicological effects deriving from the preparation.

Components:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Acute oral toxicity : LD50: > 5.000 mg/kg, Rat, OECD Test Guideline 401 Acute inhalation toxicity : LC50: > 4.951 mg/l, 4 h, Rat, OECD Test Guideline 403

Acute dermal toxicity : LD50: > 5.000 mg/kg, Rabbit, OECD Test Guideline 402

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):

Acute oral toxicity : LD50: > 15.000 mg/kg, Rat

Acute inhalation toxicity : LC50: > 13,1 mg/l, 4 h, Rat,

Acute dermal toxicity : LD50: > 3.400 mg/kg, Rabbit

xylene:

Acute dermal toxicity : Acute toxicity estimate: 1.100 mg/kg, Converted acute toxicity

point estimate

zinc oxide:

Acute oral toxicity : LD50: 7.950 mg/kg, Mouse Acute inhalation toxicity : LC50: > 5.700 mg/l, 4 h, Rat,

Acute dermal toxicity : LD50: > 2.000 mg/kg, Rat

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

Remarks:

No data is available on the product itself.

according to Regulation (EC) No. 830/2015

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Toxicity to fish

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics,

< 2% aromatics

: LL50: > 1.000 mg/l Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,

aromatics (2-25%)

: LC50: 10 - 30 mg/l Exposure time: 96 h

Species: Oncorhynchus mykiss (rainbow trout)

12.2 Persistence and degradability

Biodegradability : No data available

12.3 Bioaccumulative potential

Bioaccumulation : No data available

12.4 Mobility in soil

Mobility : No data available

12.5 Results of PBT and vPvB 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 Other adverse effects

Additional ecological information

: The product contains dangerous substances for the

environment (see chapter no 3).

The concentration of each substance should be borne in mind

in assessing the toxicological effects deriving from the

preparation.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Disposal together with normal waste is not allowed. Special

disposal required according to local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste

handling site for recycling or disposal.

According to the European Waste Catalogue, Waste Codes

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are not product specific, but application specific.

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

The following Waste Codes are only suggestions: 150110*

SECTION 14: Transport information

14.1 UN number

ADR : UN 1263

IMDG : UN 1263

IATA : UN 1263

14.2 Proper shipping name

ADR PAINT

IMDG PAINT

IATA Paint

14.3 Transport hazard class(es)

ADR : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADR

Packing group : III

Classification Code : F1

Hazard Identification Number : 30

Labels : 3

IMDG

Packing group : III

Labels : 3

EmS Code : F-E,S-E

according to Regulation (EC) No. 830/2015

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IATA

: III Packing group

Labels : 3

14.5 Environmental hazards

ADR

Environmentally hazardous : no

IMDG

Marine pollutant : no

IATA

Environmentally hazardous : no

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High

Concern for Authorisation

(Article 59).

: Not applicable

REACH - List of substances

subject to authorisation

(Annex XIV)

: Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

: Banned and/or restricted

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

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	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
64742-95-6	Hydrocarbons, C9, aromatics
78-83-1	2-methylpropan-1-ol

MAL-Code-Number : 5-6 (1993)

64.339-m3 air/10 g

Risk classification according to : Exempt

VbF see user defined free text

Water contaminating class

(Germany)

VWVWS A4

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

: highly water endangering

15.2 Chemical safety assessment

No data is available on the product itself.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

re.

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