

SAFETY DATA SHEET

Lick Emulsion

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

Lick

Date of issue: 24 September 2021
Date of first issue: 24 September 2021
Version: 1.0

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Lick Emulsion
Unique Formula Identifier (UFI) REZ. PS LP80 Base A, B, C

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

Identified Use(s) Coatings and paints, thinners, Fillers and putty
Uses Advised Against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification Lick Home Ltd
2nd Floor, Gadd House, Arcadia Avenue, London, N3 2JU
Telephone +44 2034 889 426
Fax N/A
E-Mail (competent person) hello@lickhome.com

1.4 Emergency telephone number

Emergency Phone No. +49 (0)6704 9388-0
Languages spoken English, German

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Not classified

2.2 Label elements

Product Name Lick Paint
Product code REZ6910
Contains: Not applicable.

Hazard Pictogram(s) None assigned.

Signal Word(s) None assigned.

Hazard Statement(s) None assigned.

Precautionary Statement(s) None assigned.

Supplemental information EUH210: Safety data sheet available on request.
EUH208: Contains: 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH211 : Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Titanium dioxide*^	<20	13463-67-7	236-675-5	Not yet assigned in the supply chain	Carc. 2; H351

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1,2-Benzisothiazol-3(2H)-one (BIT)	<0.05	2634-33-5	220-120-9	01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 (SCL \geq 0.05%) Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<0.1	55965-84-9	911-418-6 / 611-341-5	Not yet assigned in the supply chain	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 (M _{chronic} = 100) EUH071

Note: For full text of H phrases see section 16. *Substance with a national exposure limit. ^ The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter = 10 μ m.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

May produce an allergic skin reaction in persons already sensitised.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials

Unsuitable extinguishing media

Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature. Combustion may cause toxic fumes. (Carbon monoxide, Carbon dioxide).

5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

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6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Caution - spillages may be slippery. Shut off leaks if without risk. Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid breathing vapours.
- 6.2 Environmental precautions** Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up** Provided it is safe to do so, isolate the source of the leak. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water.
- 6.4 Reference to other sections** See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Ensure adequate ventilation. Avoid inhalation of high concentrations of vapours. Keep good industrial hygiene. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
- Storage temperature
Incompatible materials
Keep cool. Protect from sunlight.
Stable under normal conditions.
- 7.3 Specific end use(s)** See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational Exposure Limits** Users are advised to consider national Occupational Exposure Limits or other equivalent values.

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Titanium dioxide	13463-67-7	-	10 4	-	-	WEL Inhalable Aerosol Respirable Aerosol
Calcium carbonate	1317-65-3	-	10 4	-	-	WEL Inhalable Aerosol Respirable Aerosol

Source: WEL: Workplace Exposure Limit (UK HSE EH40).

Note: Chemicals listed in Section 8 but not in Section 3 are not hazardous and do not impact the final mixture classification.

- 8.1.2 Biological limit value** None assigned.
- 8.1.3 PNECs and DNELs** None assigned.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
- 8.2.2 Individual protection measures, such as personal protective equipment (PPE)** Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Use eye protection according to EN 166, designed to protect against liquid splashes.

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Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odour	Characteristic
Odour threshold	Not determined.
pH	8.2 (ISO 976)
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	100 °C
Flash point	Not determined.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	23 hPa at 20 °C 123 hPa at 50 °C
Vapour density	1.48 g/cm ³ at 20 °C (DIN EN ISO 2811-3)
Relative density	Not applicable.
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Kinematic viscosity: > 20.5 mm ² /s (ASTM D 445)
Explosive properties	Not explosive
Oxidising properties	Not oxidising.

9.2 Other information

Surface tension	Not applicable.
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10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	None anticipated. Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature.
10.4	Conditions to avoid	Heat and direct sunlight.
10.5	Incompatible materials	None known.
10.6	Hazardous decomposition product(s)	Combustion may cause toxic fumes. (Carbon monoxide, Carbon dioxide).

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Ingestion

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

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Inhalation	Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw Based upon the available data, the classification criteria are not met.
Skin Contact	Acute Toxicity Estimate Mixture Calculation: LC50 >20 mg/l (Vapour) Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	May produce an allergic skin reaction if persons already sensitised. Contains: 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Based upon the available data, the classification criteria are not met.
STOT - single exposure	Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Based upon the available data, the classification criteria are not met.
Aspiration hazard	Based upon the available data, the classification criteria are not met.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): >100 mg/l.
12.2 Persistence and degradability	No data for the mixture as a whole. Titanium dioxide No data (Biodegradation is not relevant for metals and inorganic substances.) 1,2-Benzisothiazol-3(2H)-one (BIT) Not readily biodegradable. (63 days)(OECD 301 C) Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) Readily biodegradable (according to OECD criteria).
12.3 Bioaccumulative potential	No data for the mixture as a whole. Titanium dioxide Low bioaccumulative potential (ECHA registration dossier) 1,2-Benzisothiazol-3(2H)-one (BIT) Low bioaccumulative potential (Log Kow: 0.64) (OECD 305E) Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) Low bioaccumulative potential (BCF ≤ 54) (OECD 305)
12.4 Mobility in soil	No data for the mixture as a whole. Titanium dioxide The substance is predicted to have low mobility in soil. (ECHA registration dossier) 1,2-Benzisothiazol-3(2H)-one (BIT) The substance has high mobility in soil. (Log Koc: 0.97) (OECD 121) Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) The substance has high mobility in soil. (Koc ≤ 10) (OECD 106)
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Disposal should be in accordance with local, state or national legislation.
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14. SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	Not applicable	Not applicable	Not applicable
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not applicable	Not classified as a Marine Pollutant.	Not applicable
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable
14.8 Additional Information	None.		

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15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or Restrictions On Use

None.

15.1.2 National regulations

Germany

Water hazard class: 3 (1,2-Benzisothiazol-3(2H)-one (BIT) and Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1))

15.2 Chemical Safety Assessment

1,2-Benzisothiazol-3(2H)-one (BIT) A REACH chemical safety assessment has not been carried out.

A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

References:

Existing Safety Data Sheet (SDS)

Existing ECHA registration(s) for Titanium dioxide (CAS No. 13463-67-7) and Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS No. 55965-84-9)

Harmonised Classification and existing ECHA registration for 1,2-Benzisothiazol-3(2H)-one (BIT) (CAS No. 2634-33-5)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Classification of the substance or mixture according to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
EUH208: Contains: 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.	Threshold Calculation
EUH210: Safety data sheet available on request.	Threshold Calculation
EUH211 : Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	Threshold Calculation / Expert judgement

LEGEND

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative
EU	European Union
HSE	Health and Safety Executive
Kow	Partition coefficient: n-octanol/water
LC50	Lethal concentration at which 50% of the population is killed
LD50	Lethal dose at which 50% of the population is killed
OECD	Organisation for Economic Cooperation and Development
TWA	Time Weighted Average
WGK	Wassergefährdungsklasse (Germany) / Water hazard class
ECHA	European Chemicals Agency

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Hazard classification / Classification code:

Acute Tox. 3; Acute Toxicity, Category 3
Acute Tox. 4; Acute Toxicity, Category 4
Acute Tox. 1; Acute Toxicity, Category 1
Skin Corr. 1C; Skin corrosion/irritation, Category 1C
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1; Skin Sensitisation, Category 1
Skin Sens. 1A; Skin Sensitisation, Category 1A
Eye Dam. 1; Eye damage, category 1
Acute Tox. 2; Acute Toxicity, Category 2
Carc. 2; Carcinogenicity, Category 2
Aquatic Acute 1; Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic , Category 1
Aquatic Chronic 2; Hazardous to the aquatic environment, Chronic , Category 2

Hazard Statement(s)

H301: Toxic if swallowed.
H302: Harmful if swallowed.
H310: Fatal in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H351: Suspected of causing cancer.
H400: Very toxic to aquatic life.

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

H411: Toxic to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Lick Home Ltd. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Lick Home Ltd. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

Not applicable. Not hazardous. Exposure Scenarios are not applicable