

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

## 1.1 Product identifier

Product name: MASTICE PER RIPARARE CAMERA AD ARIA  
Product code: 94255, 94256, 94257, 90237, 94267, 94258

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

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

Company name: Lampa S.p.A.  
Address: Via G. Rossa, 53,55 (z.i. Gerbolina) 46019 Viadana (MN)  
Telephone: +39 0375 820700  
Fax: +39 0375 820800  
Email: info@lampa.it

## 1.4 Emergency telephone number

CAVp "Osp. Pediatrico Bambino Gesù" - Roma	Tel. +39 06 68593726
Az. Osp. Univ. Foggia	Tel. +39 0881 732326
Az. Osp. "A. Cardarelli" - Napoli	Tel. +39 081 7472870
CAV Policlinico "Umberto I" - Roma	Tel. +39 06 49978000
CAV Policlinico "A. Gemelli" - Roma	Tel. +39 06 3054343
Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze	Tel. +39 055 7947819
CAV Centro Nazionale di Informazione Tossicologica - Pavia	Tel. +39 0382 24444
Osp. Niguarda Ca' Granda - Milano	Tel. +39 02 66101029
Azienda Ospedaliera Papa Giovanni XXII - Bergamo	Tel. +39 080 088330

**SECTION 2: HAZARDS IDENTIFICATION**

## 2.1 Classification of the substance or mixture

**Classification according to Reg. EU n°1272/2008 [CLP]**

Flam. Liq. 2 - H225 - Highly flammable liquid and vapour  
Asp. Tox. 1 - H304 - May be fatal if swallowed and enters airways  
Skin Irrit. 2 - H315 - Causes skin irritation  
STOT SE 3 - H336 - May cause drowsiness or dizziness  
Aquatic Acute 1 - H400 - Very toxic to aquatic life  
Aquatic Chronic 1 - H410 - Very toxic to aquatic life with long lasting effects

## 2.2 Label elements



Hazard pictograms:

Signal word: Danger

Hazard statements: H225 - Highly flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
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H400 – Very toxic to aquatic life

H410 – Very toxic to aquatic life with long lasting effects

#### Precautionary statements:

P102 Keep out of reach of children

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

P233 Keep container tightly closed.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor

P331 Do NOT induce vomiting.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water [or shower].

P405 Store locked up.

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

#### 2.3 Other hazards

Substance vPvB: None - Substance PBT: None

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1 Substances

	Name	Weight (%)	Classification 1272/2008 (CLP)
CAS: 142-82-5 EC N.: 205-563-8 Index N.: 601-008-00-2 REACH N.: 01-2119457603-38-XXXX	Heptane	94.0	2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315 3.8/3 STOT SE 3 H336 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
CAS: 9006-04-6 EC N.: 232-689-0 Index N.: - REACH N.: -	Rubber lattelx	6.0	Not classified

Full text of H-statements see section 16.

#### 3.2 Mixtures

N.A.

### **SECTION 4: FIRST AID MEASURES**

#### 4.1 Description of first aid measures

Eye contact Immediately flush eyes thoroughly with water for at least 15 minutes.

Skin contact Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

Ingestion Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

Inhalation Remove victim to uncontaminated area wearing self contained breathing apparatus. Keep victim warm and rested. Call a doctor. Do not apply artificial respiration if the victim has inhaled the substance



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

The accumulation of the substance in the human body may occur and may cause some disturbances as a result of repeated or long-term occupational exposures.

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

Treat symptomatically.

Symptoms may occur late.

### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1 Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

Containers exposed to fire can release the contents through the pressure valves, thus increasing the intensity of the fire and / or the concentration of steam.

Liquid and vapours are flammable.

Containers can explode if heated.

Containers may expand or decompose causing an explosion if heated or involved in a fire.

#### 5.3 Advice for firefighters

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137)..

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Evacuate area. Provide adequate ventilation. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. EN 137 Respiratory protective devices - Self-contained open circuit compressed air breathing apparatus with full face mask - Requirements, testing, marking.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

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



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Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4 Reference to other sections

Refer to sections 8 and 13.

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

### 7.1 Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3 Specific end use(s)

See section 1.2

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1 Control parameters

#### **Occupational exposure limits (oel)**

Ingredient

Ingredient	Stato	TWA/8hr		STEL/15 mn		
OEL	EU	mg/m3	ppm	Mg/m3	ppm	
Heptane		221	50	442	100	Skin
		434		651		Skin

#### **Derived No effect level (DNEL)**

Heptane (CAS: 142-82-5)

Chronic effects(systemic)

2085 mg/m3

#### **Predicted No Effect Concentration - PNEC-**

Information not available

### 8.2 Exposure controls

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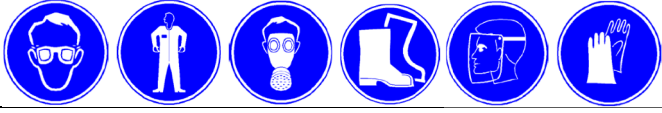
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Personal protection	
Hands protection	Wear working gloves while handling containers Guideline: EN 374 Protective gloves against mechanical risks
Respiratory protection	If exposure limits are exceeded or irritation symptoms occur, use a full-face mask with AXBEK type filters (EN 14387).
Eye and face protection	Safety eyewear, goggles or face-shield to EN166 should be used to avoid exposure to liquid splashes. Wear eye protection to EN 166 when using gases. Guideline: EN 166 Personal Eye Protection
Body and skin protection:	Wear fire / flame retardant and anti-static boots.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information on basic physical and chemical properties

Appearance:	Semi liquid
Colour:	Light blue
Odour:	N.A.
Odour threshold:	N.A.
pH:	N.A.
Melting point/freezing point:	-91°C (Heptane)
Initial boiling point and boiling range:	98°C (Heptane)
Flash point:	-4°C (Heptane)
Evaporation rate:	N.A.
Flammability (solid, gas):	N.A.
Upper/lower flammability or explosive limits:	6.7 – 1.1
Vapour pressure:	48 hPa
Vapour density (Air=1):	3.46 (Heptane)
Relative density (Water=1):	0.68 (Heptane)
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	4.66 (Heptane)
Auto-ignition temperature (°C):	285 (Heptane)
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	Not explosive
Oxidising properties:	No oxidising propertiees

### 9.2 Other information

Information not available

## **SECTION 10: STABILITY AND REACTIVITY**

### 10.1 Reactivity

No reactivity hazard other than the effects described in sub-section below.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Containers may explode if exposed to flames.

### 10.4 Conditions to avoid



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Direct sunlight

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#### 10.5 Incompatible materials

Oxidizing agents, reducing agents..

#### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### 11.1 Information on toxicological effects

Heptane

LC50 (inhalation,4h)

103mg/L (Rat)

**Skin corrosion/irritation:** Causes skin irritation (cat. 2)

**Serious eye damage/irritation:** No known effects from this product

**Skin sensitisation:** No known effects from this product

**Respiratory sensitisation:** No known effects from this product

**Reproductive toxicity:** No known effects from this product

**STOT-single exposure:** No known effects from this product

**STOT-repeated exposure:** No known effects from this product

**Aspiration hazard:** No known effects from this product

**Germ cell mutagenicity:** No known effects from this product

**Reproductive toxicity:** No known effects from this product

### **SECTION 12: ECOLOGICAL INFORMATION**

#### 12.1 Toxicity

Heptane

Pesce

LC50: 375mg/L (96h)

#### 12.2 Persistence and degradability

Low

#### 12.3 Bioaccumulative potential

High (Log KOW = 4.66).

#### 12.4 Mobility in soil

Low (KOC = 274.7).

#### 12.5 Results of PBT and vPvB assessment

Not classified as PBT o vPBT substance

#### 12.6 Other adverse effects

No data available

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods

Evaporate residue at an approved site.

Return empty containers to supplier. If containers are marked non-returnable establish means of disposal with manufacturer prior to purchase.

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

##### 14.1 UN number



ADR/RID:	UN 1206
IMDG:	UN 1206
IATA:	UN 1206

##### 14.2 UN proper shipping name

ADR/RID:	EPTANO
IMDG:	HEPTANES
IATA:	HEPTANES

##### 14.3 Transport hazard class(es)

ADR/RID:	3
IMDG:	3
IATA:	3

##### 14.4 Packing group

ADR/RID	
Packing group:	II
Labels:	3
Limited quantities:	1L
Tunnel restriction code:	D/E
IMDG	
Packing group:	II
Labels:	3
Limited quantities:	1L
EmS Code:	F-E, S-D
IATA	
Packing group:	II
Labels:	3
Passenger and Cargo Packing Instructions Y341 (1L)	
Limited quantities:	1L

##### 14.5 Environmental hazards

ADR/RID	
Environmental hazards:	Yes
IMDG	
Marine pollutant:	Yes

##### 14.6 Special precautions for user

ADR/RID	
Kemler	33
Limited Quantities	1L
IMDG	



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Labels 3  
Limited Quantities 1L  
IATA  
Passenger and Cargo Packing Instructions Y341 (1L)  
Passenger and Cargo Limited Quantity Packing Instructions 200  
Passenger and Cargo Limited Maximum Qty / Pack 75 kg

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

### **SECTION 15: REGULATORY INFORMATION**

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

Ingredient	A	B	C	D	E	F	G
Heptane	Not listed	Not listed	Not listed	Listed	Not listed	Not listed	Not listed
Rubber lattelx	Not listed	Not listed	Not listed	Listed	Not listed	Not listed	Not listed

- A- List of substances of very high concern candidates for authorization
- B- List of substances subject to REACH authorisation
- C- Substances subject to restriction under REACH
- D- Substances pre-registered according to REACH Regulation
- E- Substances registered under REACH Regulation
- F- Community Rolling Action Plan (CoRAP)
- G- Priority substances in the water policy area (Directive 2013/39 / EU)

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out

### **SECTION 16: OTHER INFORMATION**

#### **Full text of H codes mentioned in sections 2 - 3**

- H225 – Highly flammable liquid and vapour
- H304 – May be fatal if swallowed and enters airways
- H315 – Causes skin irritation
- H336 – May cause drowsiness or dizziness
- H400 – Very toxic to aquatic life
- H410 – Very toxic to aquatic life with long lasting effects

#### **LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation





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- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

#### GENERAL BIBLIOGRAPHY

- Regulation (EU) 1907/2006 (REACH) of the European Parliament
- Regulation (EC) 1272/2008 (CLP) of the European Parliament
- Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- Regulation (EU) 2015/830 of the European Parliament
- Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- Regulation (EU) 1272/2015 (VII Atp. CLP) of the European Parliament
- Regulation (EU) 918/2016 (VIII Atp. CLP) of the European Parliament
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.