

FICHA DE DATOS DE SEGURIDAD

Comply with European Regulation EC 1272/2008

Dental use

J.RIPOLL S.L



COPAL VARNISH

Publishing date: 06/07/2015

Revisión date: 03/07/2015

Revisión number: 5

SECTION 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

1.1 Identification of product

Name of product: COPAL VARNISH

Description of product: Solution of copal resin for odontological use.

1.2 URecommended uses and non recommended uses

Identification of main use: Cover by thin layers, areas of dentin in dental procedures.

1.3 Suppliers details

Manufacturer:

J.RIPOLL S.L.

C/RIO TIETAR N°20

POLIGONO EL NOGAL

ALGETE (MADRID)

SPAIN

1.4 Emergency phone

Emergency phone: +34 916289399

SECTION 2. DANGERS IDENTIFICATION

2.1 Clasification of the substance or mixture

Warning word: Danger

Clasification under Regulation CE N°1272/2008

Liquid . flamabble. 2

Irritation.skin. 2

Irritation. for eyes 2

STOT alone 3

STOT repet 2

Repr. 2

Tox. Aspiration. 1

Acuatic cronic. 2

2.2 Elements of the label

Clasification according el Regulation CE N°1272/2008 (CPL)

Pictogram of danger:



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Warning word: Danger

Danger phrases:

H225 Very flammable Liquid and vapors

H315 Make skin irritation

H319 Produce irritation ocular

H373 Can produce harmful in organs after long or repetitive exposures.

H316f Suspect that can harm fertility.

H304 Can be mortal in case of ingestion or penetration in respiratory system.

H336 Can produce somnolency or vertigo.

H411 Toxic for aquatic organisms, with durable effects.

Precautionary advises

P210 Keep separated from heat sources, open flames or hot surfaces. Do not smoke.

P273 Avoid liberation to the environment.

P280 Wear gloves / clothes / Glasses / protection masks.

P301+P310 IN CASE OF INGESTION: Get medical help or call local toxicological information center.

P302+352 In contact with skin, rinse with abundant water and soap.

P305+P351+P338: If contact the eyes. Rinse carefully with water for few minutes. Remove eye contact lenses, if you can. Continue rinsing.

P337+P313 If eye irritation persists get medical help.

Classification according Directive 1999/45/EC

The mixture has been evaluated and/or tested for the physical risks, health or environmental and the following classification is applied.

F Easily flammable

Xn Harmful

N Dangerous for environment.

phrases R and S: R11, R36, R38, R48/20, R62, R65, R67, R51/53
S9, S16, S29, S33, S36/37, S61, S62

For more information of phrases R and S, see n 16.

2.3 Other dangers

General Recommendations : Nothing available

SECTION 3. COMPOSITION / INFORMATION OF COMPONENTS

3.1 Substances

Non applicable.

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3.2 Mixtures

Chemical Denomination	CAS	EINECS	Content %	Clasification according directive 67/548/EEC	Clasification according Regulation (EC) No 1272/2008 CLP
Propan-2-ol	67-63-0	200-661-7	57%	R11-36-67	Flammable Liquid. 2 Eye irritant 2 STOT únic 3
Hexane	110-54-3	203-777-6	30&	F, Xn,N, R 11-38-48/20-62-65-67-51/53	Flammable Liquid. 2 Skin Irritant. 2 Eye irritant 2 STOT única 3 STOT repe 2 Repr. 2 Tox. Asp. 1 Acuático cronic. 2
Resin copal	9000-14-0	-	13%	-	Does not classify

Compleat text is in section 16

SECTION 4. FIRST AIDS

4.1 Description of first aids

Eye contact: Wash immediately with abundant wáter, also under the eyelid, for at least 15 min. Check eyes and get medical help. If the patient uses contact lenses remove them if it is easy

Skin contact: Remove contaminated clothes. In case of skin contact, wash soon with abundant wa ter and soap. Get medical help if the irritation persist.

Ingestion: Drink a lot of water. Avoid threw up. Get medical assistance. Ingest carbón active solution for medical use. Wash stomach. As laxative can be used vaseline oil (3ml/Kg) or sodium Sulphate

Inhalation: Move the patient to a well ventilated area. In case of suffocation, proceed immediately with artificial breath or oxigen. Ask immediately for medical help. In contaminated areas, the person who give help must protect himself with a breathing mask apropiated. Can be dangerous for the person who give the aid to make a mouth to mouth breath.

4.2 Main symptoms, effects acute and retards

The signs and effects of eye irritation can include burning, redness, inflammation and /or blurry vision. Other signs and simptoms of depresion of central nervous system can include head ache, sickness and bad coordination.

4.3 Indication of all medical attention and the medical traitments and special traitments that should be done immediately

INFORMATION FOR THE DOCTOR:

Can depress the central nervous system. Risk of potential chemical pneumony.

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SECTION 5. MEASURES OF FIGHT AGAINST FIRE

5.1 Extintion measures

Extintion measures: Foam with out alcohol, pulverized wáter. Only for small fires, can be used dry chemical dust, carbone dioxide.

Measures non appropriated: do not use wáter.

5.2 Specific dangers due to the mixture

Products dangeours cimbustion: gase. Can produce dangerous vapors for fire close. Can produce nitrogen oxides and toxic gases.

Explosion danger: No determinated

Explosion of fire: No determinated

Sensible to státic discharge: No determinated

Sensibility against impact: No determinated

5.3 Recommendations for the fireman

Procedure against fire: Flammable. Keep away from sources of ignition. You can form explosive mixtures of gas and air. If incomplete combustion occurs, can I originate carbon monoxide. Product vapors are heavier than air and spread on the ground, ignition is possible distance from which they originated . Evacuate all personnel; use fire protection equipment .

Fire fighting equipment: Use apparatus self-contained breathing

Other details: Water can be used to cool closed containers . Avoid extinguishing water penetration into surface water or groundwater

SECTION 6. MEASURES IN CASE OF ACIDENTAL WASTE

6.1 Personal precautions, equip for protection and emergency procedures

Equip for special protection: Do not inhale vapors . Use respirator when performing operations involving potential exposure to vapor of the product

6.2 Precautiones eviroment relatives

Waste into water: Do not allow discharge into the sewers or drainage systems that lead to waterways

6.3 Métods and material for keep wastes and cleaning

Small waste: Clean up spills immediately observed following precautions in the protective equipment SECTION

Big waste:

Absorb with an inert and absorbent material , or otherwise dry sand or earth , then wash the area with water.

6.4 Referency to other sections

Individual equipment, section8.

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SECTION 7. STORE AND HANDLING

7.1 Precautions for safe handling

General procedures: Avoid contact with eyes, skin and clothing. Do not inhale vapor, dust or mist. Avoid sources of ignition. No Smoking. Do not empty into drains.

Handling: Use appropriate protective equipment. Do not eat or drink during handling. Ensure good ventilation in the workplace.

7.2 Conditions for safe store, including incompatibilities

Useful life:

Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight and sources of ignition. Keep in a dry, cool and well-ventilated place.

7.3 Final specific uses

Final specific uses: Copal varnish solution for professional odontological use only.

SECTION 8. EXPOSURE CONTROLS / INDIVIDUAL PROTECTION

8.1 Control parameters

Control parameters: Assure a good ventilation and air renewal.

8.2 Exposure controls

Eye / face protection: Use protection for eyes

Skin Protection: Use adequate clothes and gloves

Respiratory system protection: A good ventilation should be enough to keep controlled the particles in the air.

Hygiene measures: Wash the hands before breaks and after handling the substance.

SECTION 9. CHEMICAL AND PHYSICAL PROPERTIES

9.1 Information about physical and chemical properties

Physical form: Liquid

Color: Transparent colorless.

Odor: light, and characteristic.

pH: ≈7.2

Solubility in water: Insoluble.

9.2 Additional information

No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Reactivity: stable

10.2 Chemical stability

Chemical stability: stable when stored and is handled under recommendations

10.3 Dangerous reactions possibilities

Dangerous Polymerization Peligrosa: No

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10.4 Conditions to avoid

Conditions to avoid: High temperatures.

10.5 Materials incompatibles

Materials incompatibles: Strong oxidicers.

10.6 Dangerous decomposition products

Dangerous decomposition Products: Nothing if it is stored in regular conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information about toxic effects

Acute

Note:

The isopropanol product has superior low acute oral toxicity (LD50) . 2000 mg / kg in rats and low greater than 2000 mg / kg in rabbits with 24h exposure acute dermal toxicity (LD50) . Irritates the eyes and inhalation of vapors or mists may cause irritation of the respiratory system . It has reproductive toxicity and development. Causes foetotoxicity in animals at doses that are toxic to the mother. The hexane containing the product has a low acute oral toxicity more even : LD50 25000mg / kg in rats and low greater than 2000 mg / kg in rabbits acute dermal toxicity (LD50) . Irritant to skin and mucous eyes. It is possibly toxic for reproduction . May cause drowsiness , dizziness , damage to organs through prolonged or repeated exposure . It can cause pulmonary edema, pneumonia.

SECTION 12. ENVIROMENTAL INFORMATION

12.1 Toxicity

Toxicity: No determined

Toxicidad acuática (acute)

LC50 – 96 horas: No determined

EC50 – 48 horas: No determined

EC50 – 96 horas: No determined

12.2 Persistency and degradability

Persistency and degradability: No determined

12.3 Potencial of bioaccumulation

Potential of bioaccumulation: No determined

12.4 Movility in floor

Movility in floor: No determined

12.5 Results of PBT and mPmB valoration

Results of PBT y mPmB valoration: No determined

12.6 Others adwers effects

enviromental dates: No defined

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SECTION 13. CONSIDERATIONS RELATIVES TO WASTE

13.1 Méthods to proceed with wastes

Méthod to waste: Eliminate following local regulation or (EC 1975L0442-20/11/2003).

SECTION 14. TRANSPORT INFORMATION

14.1 Número ONU

Númbro ONU: No applicable

14.2 Official designation of United Nations transport

Official designation of United Nations transport: No applicable

14.3 Clas(s) of transport dangers

Clas/Division of main danger: No applicable

Clasificación of danger: No applicable

14.4 Packing group

Packing group: No applicable

14.5 dangers for environment

Marine contaminant #1: No applicable

14.6 Precautions special for users

ADR- Road: No applicable **RID-**

Train: No applicable **IMDG –**

Maritime: No applicable **IATA -**

Air: No applicable

14.7 Bulk transport according annex II of Convenio Marpol 73/78 and Code IBC

Bulk transport: No applicable

SECTION 15. REGLAMENTARY INFORMATION

15.1 Reglamentation and legislation in security, health and environment, specific for the substance or

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mixture

RoHS: see the Directive relative medical Devices 93/42/ECC. Class IIa product.

15.2 chemical security evaluation

Chemical security evaluation: see SECTION 11

SECTION 16. OTHER INFORMATION

Phases R and S (Number and complet text)

F Easily flammable
Xn harmful
N danger for enviroment.

R11 easily flammable,

R36 eye irritant.

R38 skin irritant.

R48/20 harmful: risk with serious effects over health in case of long exposition by inhalation.

R62 Can harm fertility.

R65 harmful: if swallowed can produce pulmonary harm.

R67 Inhalation of vapours can produce somnolency and vertigo.

R51/53 Toxic for acuatic organisms, can produce negative long effects over acuatic enviroment.

S9 Keep in well ventilated area.

S16 keep separated From any flame, spark source. Do not smoke.

S29 do not waste in drain.

S33 avoid accumulation of electrostatic charges.

S36/37 Use gloves and clothes appropriated.

S61 avoid to waste to the enviroment. Get specific instructions From security data sheet.

S62 in case of ingestion do not cause vomito: get medical help and shou the labelo r bottle.

Preparado por: José Ignacio Ripoll.

Informacion general: NA=No applicable

Descargo de Responsabilidad del Fabricante:

ENTAL USE ONLY : Use ACCORDING directed. The information and recommendations from sources (the safety data sheet for raw materials and manufacturer's knowledge) believed to be accurate ; however, S.L. J.Ripoll .. does not guarantee the accuracy of the information or the suitability of the recommendations, and assumes no liability for any damage caused . The user should review these recommendations in the specific context of the intended use and determine whether they are appropriate .