

SAFETY DATA SHEET

Last Review: 30/01/2017

Version 1

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFICATION

Product name: PEGAFORTE CONTACT CEMENT
Cas: N.A.

1.2. OTHER MEANS OF IDENTIFICATION

Product Code: 525-23770
Pure substance / mixture: Mix

1.3. IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

Identified uses: Adhesive

1.4. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company: SURQUIMICA S.A.
Calle 38, contiguo al cementerio La Uruca
San José, Costa Rica, Centroamérica

Telephone: (506) 2211-3800
Fax: (506) 2257-2028

1.5. EMERGENCY TELEPHONE NUMBER

Emergency telephone number:
CHEMTREC: 1-800-424-9300 (USA)
703-527-3887
SURQUIMICA S.A.: (506) 2211-3911

2 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Liquids (Category 2), H225
Aspiration hazard (Category 1), H304
Corrosion/Irritation (Category 2), H315
Specific target organ toxicity, single exposure (Category 3), H336
Reproductive toxicity (Category 2), H361
Specific target organ toxicity, repeated exposure (Category 2), H373

2.2 SGA LABEL ELEMENTS, PRECAUTIONARY STATEMENTS INCLUDED



Signal word: Danger

Hazard statement(s)

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H336 May cause drowsiness or dizziness

H361 Suspected of damaging fertility of the unborn child

H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P201: Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P242 Use only non-sparking tools

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

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

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

P301+P310: IF SWALLOWED: Immediately call a Poison Center, doctor, Manufacturer, Supplier or the competent authority to specify the appropriate source of emergency medical advice.

P303+P361+P353: IF ON SKIN: Wash with plenty of water. Take off immediately all contaminated clothing.

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

P308+P313: IF exposed or concerned: Get medical advice/attention.

P331: Do NOT induce vomiting.

P332+P313: If irritation occurs: Get medical advice/attention.

P403+ P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

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

2.3 OTHER HAZARDS

None

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No</u>	<u>Classification</u>	<u>Concentration (m/m%)</u>
Hexane	110-54-3	Flam liq. 2 - H225; Aspir tox. 1 - H304 Skin corr/irrit -2 - H315 STOT SE 3- H336 Repr.2 - H361 STOT RE 2 - H373 Aquatic Chronic 2 - H411	35-45
Toluene	108-88-3	Flam.Liq.2 - H225 Skin Irrit.2 - H315 Repr. 2 - H361 STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	20-25
Acetone	67-64-1	Flam.Liq.2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	20-25
2-Butanone	78-93-3	Flam.Liq.2 - H225 Eye Irrit.2 - H319 STOT SE 3 - H336	1-5

4 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water and drink afterwards plenty of water.

Inhalation: Move to fresh air. If breathing is difficult give oxygen.

Skin Contact: Wash off immediately with soap and plenty of water.

Eye contact: If the material gets into the eyes, immediately rinse them with water for 15 minutes. Consult a doctor.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Emergency overview: May cause skin dryness or cracking. May cause narcotic effects and respiratory irritation. May result in aspiration into the lungs, causing chemical pneumonia or delayed pulmonary edema.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin Contact: May cause skin irritation.

Inhalation: May cause respiratory irritation.

Eye contact: Direct contact with eyes may cause irritation.

Primary routes of entry: Skin contact, Ingestion, Eye Contact

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None

5 FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

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

5.2 SPECIAL HAZARDS ARISING

Fire and explosion hazards: Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Sealed containers may rupture when heated. Sensitive to static discharge. Tanks, cisterns or containers cool with water.

5.3 ADVICE FOR FIREFIGHTERS

Procedure fire: In the event of fire, wear self-contained breathing apparatus. Evacuate personnel to safe areas. Consider the wind direction. Material floats on water and may travel back to an ignition source and spread fire. Water spray may be used to keep fire exposed containers cool. Do not allow water runoff to enter sewers or waterways. Do not allow water runoff to enter sewers or waterways.

5.4 FURTHER INFORMATION

None

6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

In case of spillage or leakage: Use personal protective equipment. Avoid breathing vapors. Provide good ventilation. Evacuate the person, keep people away from the flight zone and away from the wind. Use personal protective equipment described in section 8

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent splash or spill if it is safe. Dike to prevent entry into any sewer or waterway, not empty into drains. If recycling is not practicable, dispose of in accordance with local regulations. Avoid entering the environment.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Transfer the liquid to a holding vessel. Adsorption in an inert material (eg sand, silica gel, acid binder, universal binder, sawdust). Disposing according to all federal, state and local regulations.

7 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Instructions for Handling: Keep out of reach of children. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practices respect. See section 2.2

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep in a cool, dry place. Keep container tightly closed

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

No information

8.2 EXPOSURE CONTROLS

No information

8.3 PERSONAL PROTECTIVE EQUIPMENT

Ventilation: Provide adequate ventilation

Respiratory protection: No personal respiratory protective equipment normally required.

Skin Protection: Use PVC disposable gloves to avoid direct skin contact

Eye protection: Wear safety glasses with side to avoid possible splashing of the product.

Placing a safety shower and eye wash station in the work area it should be evaluated by a specialist in occupational health.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- a) **Appearance:** Colorless and red.
- b) **Odour:** aromatic solvent.
- c) **Odour Threshold:** No information.
- d) **pH:** No information.
- e) **Melting / Freezing:** No information.
- f) **Initial boiling point and boiling range:** No information.
- g) **Flash point:** -17 °C
- h) **Evaporation rate:** No information
- i) **Flammability (gas / solid):** No information
- j) **Upper / lower flammability or explosion limit if possible:** No information
- k) **Vapour pressure:** No information
- l) **Vapor Density:** > 1
- m) **Specific Gravity (g / mL):** 0.80
- n) **Solubility:** Insoluble
- o) **Partition coefficient n-octanol / water:** No information
- p) **Auto-ignition temperature:** No information
- q) **Decomposition temperature:** No information
- r) **Viscosity:** No information

10 STABILITY AND REACTIVITY

10.1 REACTIVITY

Stable under normal conditions.

10.2 CHEMICAL STABILITY

Stable under recommended storage conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Risk of Hazardous Polymerization: No

10.4 CONDITIONS TO AVOID

Avoid extreme heat, sparks and incompatible materials

10.5 MATERIALES INCOMPATIBLES

Strong oxidizing agents, acids and bases

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products: can lead to release of irritating gases and vapors

11 TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

a) **Probably routes of exposure:** no information

b) **Symptoms related to the physical, chemical and toxicological characteristics:** no information

c) **Acute and chronic effects:** no information

d) **Numerical measures of toxicity:**

<u>Componentes Peligrosos</u>	<u>No CAS</u>	<u>DL50 oral rata (mg/kg)</u>
Hexane	110-54-3	25000
Toluene	108-88-3	5580
Acetone	67-64-1	5800
2-Butanone	78-93-3	2737

12 ECOLOGICAL INFORMATION

12.1 TOXICITY

No information

12.2 PERSISTENCE AND DEGRADABILITY

No information

12.3 BIOACCUMULATIVE POTENTIAL

No information

12.4 MOBILITY IN SOIL

No information

12.5 OTHER ADVERSE EFFECTS

No information

13 DISPOSAL CONSIDERATIONS

Offer surplus and non-recyclable solutions to a licensed disposal company. Remove the packaging in the same way that the remaining product.

14 TRANSPORT INFORMATION

14.1 UN NUMBER:

1133

14.2 UN PROPER SHIPPING NAME:

Adhesive

14.3 TRANSPORT HAZARD CLASS

3

14.4 PACKAGING GROUP:
II

14.5 ENVIRONMENTAL HAZARDS:
No

14.6 TRANSPORT IN BULK:
No Information

1.6. SPECIAL PRECAUTIONS:
No Information

15 REGULATORY INFORMATION

No information

16 OTHER INFORMATION

This MSDS include the following products, (Identified by code): 23770300, 23770900

Hazardous Material Information System: HMIS (Hazardous Material Information System)

Health: 2 - Moderate
Fire: 3 - Serious
Reactivity: 0 – No Hazard
Personal protection: G

National Fire Protection Association: NFPA

Health: 2 - Moderate
Fire: 3 - Serious
Reactivity: 0 – No Hazard
Special: __Snfpa__

The degrees of HMIS and NFPA imply the interpretation of the data that can vary from company to company, their objective it is to allow a quick and general identification of the magnitude of the danger specific. In order to manage this material in sure form it should be kept in mind the entirety of the information contained in this MSDS.

Note: The addressee should send this MSDS to any transporter or eventual user of our product. The information offered in this sheet is based on data supplied by our providers and is determinate in our plant. Although we think that we are reliable, this product is sold to be used with a defined propose. SURQUIMICA S.A. does not assume any responsibility for the damage that this product can cause to any buyer or third person.

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