



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: January 2015

Product name: Pâte Gum Part B

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

1.1 Product identifier

Trade name: Pâte gum Part B

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: Moulding diverse objects.

1.3 Details of the supplier of the safety data sheet

Company: Esprit Composite
22, Rue Gassendi
F-75014 Paris
France
Telephone: Tel: +33 1 4044 4797
Telefax: Fax: +33 1 4044 4951
Website: www.espritcomposite.com
E-mail: contact@espritcomposite.fr

1.4 Emergency telephone number:

NHS Direct England or Wales: +44 0845 4647
NHS 24 Scotland (UK only): +44 08454 242424

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Hazard summary:

Physical hazards: No specific recommendations.

Health hazards:

Inhalation: No specific symptoms noted

Eye contact: No specific symptoms noted

Skin contact: No specific symptoms noted

Ingestion: No specific symptoms noted

Other Health Effects: No other information noted

Environmental hazards: Not regarded as dangerous for the environment

2.2 Label elements

Not applicable

2.3 Other hazards

Chemical compounds containing silicon - hydrogen bonds (SiH).

SECTION 3. Composition/information on ingredients

3.2 Mixtures

General information: Mixture of Polyorganosiloxanes, additives.

Chemical name	CAS No. EC No. Registration number	Classification (67/548/CEE)	Classification (Regulation (EC) No 1272/2008)	Concentration (%)	Notes
White mineral oil (petroleum)	8042-47-5	Xn; R65	Asp. Tox. 1;H304	<7%	#

All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. # This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.



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CLP: Regulation No. 1272/2008.:

The full text for all R/H-phrases is displayed in section 16.

SECTION 4. First aid measures:

General advice:

Get medical attention if symptoms occur.
Contaminated clothing to be placed in closed container until disposal or decontamination.

4.1 Description of first aid measures

Inhalation:

Not relevant.

Eye contact:

In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

Skin Contact:

Remove contaminated clothing and shoes. Wash with soap and water.

Ingestion:

Do not induce vomiting. Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards:

No specific recommendations.

Treatment:

No specific recommendations.

SECTION 5. Fire fighting measures

General Fire Hazards:

No specific recommendations.

5.1 Extinguishing media

Suitable extinguishing media:

Foam. Powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:

For further information, refer to Section 10: "Stability and Reactivity".

5.3 Advice for firefighters

Special fire fighting procedures:

Water spray should be used to cool containers.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment. Keep away from Alkalis and caustic products. Eliminate all sources of ignition.

6.2 Environmental precautions

Environmental precautions:

Collect spillage. Prevent entry into waterways, sewer, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Absorb with sand or other inert absorbent. Do NOT use



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6.4 Reference to other sections

For personal protection:

products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent.(cf. : § 9) Flush area with plenty of water.

Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Use mechanical ventilation in case of handling which causes formation of vapors. Do not mix with Incompatible materials. For further information, refer to Section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

7.3 Specific end use(s)

Specific use(s):

No data available.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits:

None of the components have assigned exposure limits.

8.2 Exposure controls

Engineering measures:

Avoid inhalation of vapors and spray mists.

Personal protective equipment

General information:

No specific precautions.

Eye/face protection:

Safety Glasses

Skin protection:

Hand Protection:

Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Rubber or plastic.

Other:

It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Respiratory Protection:

No specific precautions.

Hygiene measures:

Provide eyewash station and safety shower.

Environmental Controls:

No data available.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Paste

Color:

Blue

Odor:

Odorless

Odor Threshold:

no data available

pH:

Not applicable

Melting Point:

No data available.



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Boiling Point:	No data available.
Flash Point:	> 200 °C (Closed cup according to method ASTM D-56.)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	74 %(V) Hydrogen.
Flammability Limit - Lower (%):	4 %(V) Hydrogen.
Vapor pressure:	< 0,1 hPa (20 °C)
Vapor density (air=1):	No data available.
Relative density:	1,55 (20 °C) Approximate
Solubility(ies):	Practically Insoluble
Solubility in Water:	Diethylether: Miscible (in all proportions).
Solubility (other):	Chlorinated solvents: Miscible (in all proportions).
	Aromatic hydrocarbons: Miscible (in all proportions).
	Aliphatic hydrocarbons: Miscible (in all proportions).
	Acetone: Very slightly soluble.
	Ethanol: Very slightly soluble.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	> 400 °C
Decomposition Temperature:	> 200 °C
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

9.2 Other information:

No information available

SECTION 10. Stability and reactivity

10.1 Reactivity

Reactivity:

No other information noted.

10.2 Chemical stability

Chemical stability:

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions:

This product may generate hydrogen gas.

10.4 Conditions to avoid

Conditions to avoid:

No other information noted.

10.5 Incompatible materials

Materials to avoid:

A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with : Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.

10.6 Hazardous decomposition products

Hazardous decomposition products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Quantity of hydrogen potentially released (l/kg of product): <2

SECTION 11. Toxicological information



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Information on likely routes of exposure

Inhalation:

No effects expected (assessment based on ingredients).

Ingestion:

No effects expected (assessment based on ingredients).

Skin Contact:

No effects expected (assessment based on ingredients).

Eye contact:

No effects expected (assessment based on ingredients).

11.1 Information on toxicological effects

Acute Toxicity:

Oral:

Product:

No effects expected (assessment based on ingredients).
Not classified for acute toxicity based on available data.

Dermal:

Product:

No effects expected (assessment based on ingredients).
Not classified for acute toxicity based on available data.

Inhalation:

Product:

No effects expected (assessment based on ingredients).

Repeated Dose Toxicity:

Product:

No effects expected (assessment based on ingredients).

Skin Corrosion/Irritation:

Product:

No effects expected (assessment based on ingredients).

Serious Eye Damage/Eye Irritation:

Product:

No effects expected (assessment based on ingredients).

Respiratory or Skin Sensitization:

Product:

No effects expected (assessment based on ingredients).

Germ Cell Mutagenicity:

In vitro:

Product:

No effects expected (assessment based on ingredients).

In vivo:

Product:

No effects expected (assessment based on ingredients).

Carcinogenicity:

No effects expected (assessment based on ingredients).
Product: No data available.

Reproductive Toxicity:

Product:

No effects expected (assessment based on ingredients).

Reproductive Toxicity (Fertility):

Product:

No data available.

Developmental Toxicity (Teratogenicity):

Product:

No data available.

Specific Target Organ Toxicity - Single Exposure:

Product:

No effects expected (assessment based on ingredients).

Specific Target Organ Toxicity - Repeated Exposure:

Product:

No effects expected (assessment based on ingredients).

Aspiration Hazard:

Product:

No effects expected (assessment based on ingredients).

Other Adverse Effects: None known.

SECTION 12. Ecological information

12.1 Toxicity

Acute toxicity:

Fish:

Product:

No effects expected (assessment based on ingredients).

Aquatic Invertebrates:

Product:

No effects expected (assessment based on ingredients).



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Chronic Toxicity:

Fish:

Product:

No effects expected (assessment based on ingredients).

Aquatic Invertebrates:

Product:

No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants:

Product:

No effects expected (assessment based on ingredients).

12.2 Persistence and degradability

Biodegradation:

Product:

Not applicable

BOD/COD Ratio:

Product:

No data available.

12.3 Bioaccumulative potential

Product:

No data available.

12.4 Mobility in soil

Product:

No data available

12.5 Results of PBT and vPvB assessment

Product:

None Reported

12.6 Other adverse effects

Product:

None known.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

General information:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal methods:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste.

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

SECTION 14. Transport information

14.1 UN number

Not dangerous goods

14.2 UN proper shipping name

Not dangerous goods

14.3 Transport hazard class(es)

Not dangerous goods

14.4 Packing group

Not dangerous goods

14.5 Environmental hazards

Not dangerous goods

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.



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

Not applicable for product as supplied.

Other information:

Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

SECTION 15. Regulatory information

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

Water contaminating class (Germany):

WGK 1 slightly water endangering

Classification according VwVwS, Annex 4.

Other regulations:

This mixture is not classified as dangerous according to Directive 1999/45/EC.

This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

15.2 Chemical Safety Assessment

Not applicable

SECTION 16. Other information

Full text of R-Phrases

R65:

Harmful: may cause damage to the lungs if swallowed.

Full text of H-Statements

H304:

May be fatal if swallowed and enters airways

Full text of other abbreviations

Asp. Tox.:

Aspiration toxicity.

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.