



Safety data sheet

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

Revision date: December 2011

Product name: Rosin

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

1.1 Product identifier

Trade name: Rosin

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: Laboratory chemical

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

Classification (REGULATION (EC) No 1272/2008)

Skin Sens. 1

Classification (67/548/EEC, 1999/45/EC)

Xi; Sensitising

H317 May cause an allergic skin reaction.

R43: May cause sensitisation by skin contact.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

2.3 Other hazards

All chemicals are potentially dangerous. They should only be handled by specially trained personnel.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3. Composition/information on ingredients



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3.1 Substances

CAS No. Description	8050-09-7 Rosin
Identification number(s)	
EC number:	232-475-7
Index Number:	650-015-00-7

SECTION 4. First aid measures:

4.1 Description of first aid measures

General advice:

First Aider: Pay attention to self-protection!
Immediately remove any clothing soiled by the product.

If inhaled:

General advice: No induce of vomiting by layman.
Supply fresh air; if there is any trouble seek medical help.

In case of skin contact:

Immediately rinse with water.
If there is any trouble seek medical help.

In case of eye contact:

To be sure rinse opened eye under running water. If there is any trouble seek medical help.

If swallowed:

Rinse out mouth and drink a glass of water. Do not induce vomiting.
Seek medical advice immediately and show the container or label.

4.2 Most important symptoms and effects, both acute and delayed

Risks: No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No further relevant information available.

SECTION 5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:

In the event of fire development of hazardous combustion gases or vapours possible.
In case of fire, the following can be released: Carbon monoxide (CO)

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained respiratory protective device.
Wear fully protective suit.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Ensure adequate ventilation
Avoid formation of dust.
Do not breathe dust.
Avoid contact with the eyes and skin.

6.2 Environmental precautions

Environmental precautions:

Do not allow to enter sewers/ground water or penetrate the soil.

6.3 Methods and material for containment and cleaning up



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Methods for cleaning up:

Pick up mechanically.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

For personal protection:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Keep containers, equipment and working place clean.

Handling corresponding to laboratory safety guidelines.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

No special requirements.

Advice on common storage:

Store away from foodstuffs. Store in dry conditions.

7.3 Specific end use(s)

Specific use(s):

No further relevant information available.

SECTION 8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

8050-09-7 Rosin

WEL (Great Britain) Short-term value: 0.15 mg/m³

Long-term value: 0.05 mg/m³

Sen

The lists valid during the making were used as basis.

Additional information:

8.2 Exposure controls

Engineering measures:

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not breathe dust.

Avoid contact with the eyes and skin.

Personal protective equipment

Eye protection:

Tightly sealed goggles

Hand protection:

Due to missing tests no recommendation to the glove material can be given for the product.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.



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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin and body protection:

Protective work clothing

Respiratory protection:

Required when dusts are generated.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Chunks
Colour:	orange-yellow
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not applicable.
Melting point/Melting range:	~ 90°C
Boiling point/Boiling range:	Undetermined.
Flash point:	> 180°C
Flammability (solid, gaseous):	Product is not flammable.
Ignition temperature:	340°C
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	The product is not explosive. However, dust may form an explosive mixture with air.
Explosion limits:	
Lower:	30 g/m ³
Upper:	Not determined.
Vapour pressure:	Not applicable.
Density at 20°C:	1.07 g/cm ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with water at 20°C:	0.13 g/l
Segregation coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.

9.2 Other information

Other information

No further relevant information available.

SECTION 10. Stability and reactivity

10.1 Reactivity

Reactivity:

Not classified as a reactivity hazard.

10.2 Chemical stability

Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions:

No information available.

10.4 Conditions to avoid

Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials

Materials to avoid:

Strong oxidizing agents

10.6 Hazardous decomposition products



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Hazardous decomposition products:

Formaldehyde

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

Quantitative data on the toxicity of this product are not available.

Primary irritant effect:
on the skin:

Slight irritations.
Risk of skin sensitization.

on the eye:
after inhalation:

Slight irritations
Slight irritations.

Sensitization:

Sensitization possible through skin contact.

Further information:

The product should be handled with the care usual when dealing with chemicals.

SECTION 12. Ecological information

12.1 Toxicity

Aquatic toxicity:

Quantitative data on the ecological effect of this product are not available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Ecotoxicological effects:

Remark:

Do not allow to enter waters, waste water, or soil!

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

12.6 Other adverse effects:

No further relevant information available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Product:

The disposal is regionally differently regulated, therefore the kind of disposal is to be inquired at the responsible authorities.

This material and its container must be disposed of as hazardous waste.

Contaminated packaging:

Disposal according to official regulations.

SECTION 14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good



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14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

SECTION 15. Regulatory information

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

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed. In dealing with chemicals the national laws must be observed.

Waterhazard class:

Water hazard class 1 (Assessment by list): slightly hazardous for water.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16. Other information

Full text of H-Statements

H317

May cause an allergic skin reaction.

Full text of other abbreviations

ADR:

Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID:

Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG:

International Maritime Code for Dangerous Goods

IATA:

International Air Transport Association

ICAO:

International Civil Aviation Organization

GHS:

Globally Harmonized System of Classification and Labelling of Chemicals

EINECS:

European Inventory of Existing Commercial Chemical Substances

CAS:

Chemical Abstracts Service (division of the American Chemical Society)

Further information

Sources of key data used to compile the Safety Data Sheet: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

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,



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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.