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SAFETY DATA SHEET (91/155/EC)

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

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\* Product name:

SHELLAC (including Blonde De-Waxed, Garnet, Lemon Flakes and Button Lac)

\* Supplier:

LIBERON

Mountfield Ind Est

New Romney

Kent, TN28 8XU

Tel: 0044 (0)1797 367555

Fax: 0044 (0)1797 367575

\* Emergency phone number (to be used by the practising doctor):

UK - National Poisons Information Service Phone: 44 / 191 22 5131

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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\* Preparation name:

SHELLAC (including Blonde De-Waxed, Garnet, Lemon Flakes and Button Lac)

\*COMPOSITION:

Natural resin of animal origin

Low molecular polyesters with aleuritic acid (9,10, 16- trihydropalmitic acid) and shellolic acid/related acids are essential constitutional units.

CAS No: 9000-59-3

EC No: 232-549-9

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3. HAZARDS IDENTIFICATION

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\* Most important hazards:

None

\* Specific hazards:

No hazard has been brought to our attention as a result of the normal industrial use of this product.

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4. FIRST AID MEASURES

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\* General advice:

Product is non-hazardous

In all cases of doubt, or when symptoms persist, seek medical attention.

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## 5. FIRE-FIGHTING MEASURES

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\* Extinguishing Material:

Water, Powder, CO<sub>2</sub> or Foam

\* Extinguishing media which must NOT be used for safety reasons

Not Applicable

\* Specific fire hazard(s):

Not Applicable

\* Special protective equipment for fire-fighters:

Standard

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## 6. ACCIDENTAL RELEASE MEASURES

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\* Personal precaution(s):

None required

\* Environmental precaution(s):

Not necessary

\* Method(s) for cleaning up:

Material can be scooped up and disposed of according to local regulations.

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## 7. HANDLING AND STORAGE

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\* Handling

\* - Precaution(s):

Observe good standards of industrial hygiene

\* - Technical condition(s):

None

\* Storage

\* - Precaution(s):

Store in dry and cool conditions (<20°C).

\* - Technical condition(s):

None.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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\* Engineering measure(s):

Ensure adequate ventilation, especially in confined areas.

\* Personal protection equipment:

\* - Respiratory protection:

Not necessary if room is well ventilated

\* - Hand protection:

Rubber gloves

\* - Skin and body protection:

Gloves

Standard issue work clothing

\* - Eye protection:

Wear closed safety glasses. or face shield

\* Hygiene measure(s):

Do not eat, drink, or smoke during work.

Keep away from food, drink and animal feed.

Keep workplace clean and tidy as much as possible.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state / form: Flakes/buttons

Colour: Various

Odour: Almost odourless

pH: Not known

Boiling point/range: 65 - 70°C

Flash point: >300°C

Explosion limits: Not determined.

Relative density (water = 1): 0.4

Viscosity: Not applicable.

Water solubility: Does not dissolve in water.

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10. STABILITY AND REACTIVITY

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\* Thermal Decomposition:

Not known

\*Hazardous Reaction:

None under normal conditions of use.

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11. TOXICOLOGICAL INFORMATION

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\* General information(s):

There is no data available on the product itself.

Periodical medical test is recommended in function of exposition measure.

\* Inhalation:

Essentially non-toxic

\*Ingestion:

Essentially non-toxic

\*Skin contact:

Essentially non-toxic

\*Eye contact

Essentially non-toxic

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12. ECOLOGICAL INFORMATION

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\* General information(s):

\* - Biodegradation:

Measurement by closed bottle test according to OECD guideline 301D; measured parameter: BOC applied to COD.

Result: Degradability approx. 34% in 28 days.

\* Aquatic toxicity:

None or very little aquatic toxicity can be expected up to the limit of solubility (in absence of solubilisers)

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13. DISPOSAL CONSIDERATIONS

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\* Dispose of in accordance with local regulations

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14. TRANSPORT INFORMATION

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General information(s):

Not classified as dangerous for carriage.

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15. REGULATORY INFORMATION

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\* Labelling:

The substances in this preparation are considered non-hazardous in the quantities used.

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16. OTHER INFORMATION

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\* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations no.:

91 / 155

\* Important remarks:

Information in this safety data sheet is based on actual knowledge in our possession and our experience.

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

\* Restrictions:

This information relates to the specific material designated and may not be Valid in combination with other product(s).

\* History

- First edition date: 29/03/1994

- Review date: 25/04/2002

- Version: 3

- Review chapter(s) n°: 2/3/14/15

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