



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

* Product name:

TOUCH UP PEN

* 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

2. COMPOSITION/INFORMATION ON INGREDIENTS

* Preparation name:

TOUCH UP PEN

* Component(s) contributing to the health hazard:

Mixture of Ethanol, methoxy-Propanol, Soluble Dyes, Balsam Resin

Ethanol - CAS No: 64-17-5 - F, R11

Methoxy-Propanol - CAS No : 107-98-2 - R10

3. HAZARDS IDENTIFICATION

* Most important hazards:

R 11 Highly Flammable

* Specific hazards:

Inhalation of vapours may cause irritation of mucus membranes and eyes.

4. FIRST AID MEASURES

* General advice:

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

Never give anything by mouth to an unconscious person.

For symptom description, see item 11.

* Inhalation:

Remove patient to fresh air, keep patient warm and at rest, In case of irregular breathing and if unconscious place in the recovery position and seek medical advice.

* Skin contact:

Clean the particular areas thoroughly with soap and water.

* Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

* Ingestion:

If accidentally swallowed drink plenty of water and do not induce vomiting.

5. FIRE-FIGHTING MEASURES

* Suitable extinguishing media:

Alcohol resistant foam, carbon dioxide, dry powder.

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

Water jet

* Specific method(s):

Do not allow run-off from fire fighting to enter drains or watercourses.

* Specific fire hazard(s):

The vapours are heavier than air

* Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

* Personal precaution(s):

Keep away from sources of ignition.

* Environmental precaution(s):

Do not allow to enter drains or watercourses.

* Method(s) for cleaning up:

Soak up spillage with non-combustible absorbent material (sand, earth etc) and collect in suitable containers for disposal according to the local regulations.

7. HANDLING AND STORAGE

* Handling

- Precaution(s):

For personal protection, see Section 8.

Material handling requires no special precaution measures.

- Technical condition(s):

No special technical protective measures required.

- Safe handling advice(s):

No special handling advice required

Storage

- Precaution(s):

Observe the label precautions.

- Separation of incompatible product(s):

Store separately from oxidising agents and strongly alkaline and strongly acidic materials..

- Packaging / tank material:
Made of the same material as the supply container.

* - Precaution(s):
Smoking, eating and drinking should be prohibited in areas of use.
Shower, eye bath and water point in proximity.
Form with air vapours (heavier than air) which stay on the floor.
Wear personal protective equipment (see item 8).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

* Engineering measure(s):
Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- Respiratory protection:
Not applicable.

- Hand protection:
No special protection measures necessary

- Skin and body protection:
No special required clothing.

- Eye protection:
goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state / form: Liquid (soaked up in a filter system in a cartridge)

Colour: various

Odour: typical alcohol

pH: In neutral environment

Boiling point/range: 78 oC

Flash point: 12 oC

Explosion limits: Not applicable.

Relative density at 20 oC: 0.8g/cm³

Viscosity at 20 oC: 12 MPA- SEC

Water solubility: soluble

10. STABILITY AND REACTIVITY

* Stability:
Stable under the recommended storage and handling conditions. (See Section 7).

* Material(s) to avoid:
Keep away from oxidising agents.

* Hazardous decomposition products:
Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

* General information(s):
There is no data available on the product itself.

* Acute toxicity:

- Inhalation:
Inhalation of vapour may cause irritation of eyes and respiratory tract
- Skin contact:
Repeated or prolonged contact with the product may lead to removal of natural fats from the skin.
- Eye contact:
Splashes in the eyes may cause irritation.
- Ingestion:
No data available.

12. ECOLOGICAL INFORMATION

* General information(s):
There is no data available on the product itself.
The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Environmental toxicity:
Ecological problems are not known or expected under normal use.

13. DISPOSAL CONSIDERATIONS

* Waste / unused products:
Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected.

Contaminated packaging:
Empty pens can be recycled.

14. TRANSPORT INFORMATION

General information(s):
not regulated
UN No. Not applicable.

15. REGULATORY INFORMATION

* Labelling:

EC number:
Not applicable.
Symbol(s):
None according to EC directives.
R-phrase(s):
R 11 : Highly flammable.

16. OTHER INFORMATION

* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations no.: 91/155, 67/548, and 88/379

* 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: 18 June 1998
- Review date: 14/05/2002
- Version: 2
- Review chapter(s) n°: 2/14/15

Written by: Mike Morris