

1. SUBSTANCE/PREPARATION AND COMPANY NAME**Company:**

Sanford Europe
Parker House
Newhaven, East Sussex
ENGLAND BN9 0AU

Date of Revision: 07 January 2002

Emergency Information: (44) 1273 513-233

Product Name: Liquid Paper Correction Pen

Includes: Liquid Paper All Purpose Correction Pen, LPCF-23-0, Liquid Paper Mini Correction Pen, Liquid Paper Uncap 'N Go, Liquid Paper Autoflow

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature:	Wt. %	CARN	EEC No.	Index No.	Classification
Methylcyclohexane	40 - 50	108-87-2	203-624-3	601-018-00-7	F, R-11

3. POSSIBLE HAZARDS

Critical hazards to man: No adverse effects anticipated from normal use.

Critical hazards to environment: None known

Other information: Keep out of reach of children.

4. FIRST AID MEASURES

General Advice: No adverse effects anticipated from normal use. If vapours are deliberately concentrated and inhaled (abuse), the following symptoms may occur: respiratory irritation, dizziness, drowsiness, headache, nausea, unconsciousness, convulsions, cardiac sensitisation, coma, and death. In case of accidental ingestion or excessive inhalation or if you feel unwell, seek medical advice immediately (show label where possible).

If inhaled: No adverse effects anticipated from normal use. In abuse situation, remove from source of exposure. Treat symptomatically. Oxygen may be administered. Seek medical attention immediately. Contains hydrocarbon mixture which, if aspirated, may cause chemical pneumonitis. The inhalation of concentrated vapours may produce cardiac sensitisation, contra-indicating the use of sympathomimetic agents.

On skin contact: Wash with soap and water. Product adheres strongly to skin and is difficult to remove. Irritation may occur if contact is prolonged/repeated.

On eye contact: Wash with clear, tepid water. If irritation persists, obtain medical attention.

On ingestion: Consult a physician. Harmful if swallowed. Depending on amount ingested, the symptoms described for inhalation may occur.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical.

Special protective equipment: In fires involving large quantities of product, use self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water fog/spray.

Further information: Contents flammable. Hazardous decomposition products may be produced (Section 10).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not required

Environmental precautions: Not required

Methods for cleaning up: Wipe up with tissue, towel, etc. and place in container for disposal. Wash residue with water.

7. HANDLING AND STORAGE

Handling: Product is flammable.

Storage: Storage in large quantities (as in warehouse) should be in a well-ventilated, cool area, away from ignition sources. No smoking.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8-Hour TWAs: Methylcyclohexane - 400 ppm (UK/OSHA/ACGIH)
Titanium Dioxide - 10 mg/cu m (UK/OSHA/ACGIH)
These levels are not anticipated under foreseeable use conditions.

Personal Protective Equipment

Respiratory equipment: None required

Hand protection: None required

Eye protection: None required

General safety and hygiene measures: Product is non-hazardous when used as directed in an office/room with normal air circulation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Colour: White

Odour: Pungent solvent odour

Change in physical state

Melting point: Not determined

Boiling point: 100°C (~212°F) for methylcyclohexane

Flash point: -5.6°C (22.5°F) Closed Cup for methylcyclohexane

Lower explosion limit: 1,2%

Upper explosion limit: 6,7%

Ignition temperature: Negligible

Vapour pressure: 83 mm Hg @ 38°C

Specific gravity: 1.16

% Volatiles: ~ 50

Solubility in water: Negligible

Vapour density (air = 1): 3.4

pH value (at 100 g/L): Not applicable

Octanol/water partition coefficient (log POW): Not determined

Viscosity: Not determined

Other information:

10. STABILITY AND REACTIVITY

Thermal decomposition:	No decomposition products under normal conditions.
Substances to avoid:	Strong oxidisers
Hazardous reactions:	None known
Hazardous decomposition products:	Thermal degradation may produce oxides of carbon and nitrogen; hydrocarbons and derivatives.

11. TOXICOLOGICAL INFORMATION

Estimated LD50 in rats is greater than 5 ml/kg or between 1 pint and 1 quart in humans (ref. Gosslin, Smith, and Hodge, *Clinical Toxicology of Commercial Products*, 5th Ed., 1984).

12. ECOLOGICAL INFORMATION

None available regarding this product.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance to local regulations.

The 1991 Environmental Protection (Duty of Care) Regulations SI No 2839 and amendments should be noted (United Kingdom).

14. TRANSPORT INFORMATION

ADR: UN3295; Hydrocarbons, liquid, n.o.s.; 3.3(b) ADR
IMDG: UN3295; Proper shipping name: Hydrocarbons, liquid, n.o.s.; Class 3
ICAO: 3295

15. REGULATORY INFORMATION**Labeling according to EEC Directives:**

Labeling according to EEC Directives (67/548 and 88/379):



Highly flammable * the product carries a Tactile Danger Warning

16. OTHER INFORMATION**MSDS prepared by:**

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This information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or results to be obtained from the use thereof.