



SAFETY DATA SHEET
33.080: Pelikan red ink for franking

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

| | | | |
|---------------------|--|--------------|--|
| PRODUCT NAME | 33.080: Pelikan red ink for franking | | |
| SUPPLIER | Pelikan Hardcopy European Logistics & Services GmbH Neue Strasse 19 D-52382 Niederzier 2 Germany +49 (0) 2428 830 olaf.lehmann@phiag.com | MANUFACTURER | Pelikan Hardcopy Production AG Gewerbestrasse 9 CH-8132 Egg/ZH Switzerland +41 (0) 44 986 1111 |
| EMERGENCY TELEPHONE | +41 (0) 44 986 1111 (available only during office hours) | | |

2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

HUMAN HEALTH

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|-----------------------------------|--------|-------------|---------|----------------|
| POLYAMINE / FATTY ACID CONDENSATE | | 120026-50-8 | 1-5% | Xi;R38. R43. |

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

This ink does not contain: Substances of Very High Concern (SVHC). The current Candidate List of SVHC for Authorisation can be found (in English only) on the European Chemicals Agency (ECHA) website: http://echa.europa.eu/chem_data/candidate_list_table_en.asp.

4 FIRST-AID MEASURES**GENERAL INFORMATION**

Risk of sensitisation or allergic reactions among sensitive individuals. When in doubt or symptoms persist, seek medical attention.

INHALATION

Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

SKIN CONTACT

Immediately remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Not flammable but will support combustion. Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

By heating and fire, irritating vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting. Wear full protective clothing.

33.080: Pelikan red ink for franking**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Use protective gloves, goggles and suitable protective clothing. Do not breathe vapour.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Collect with absorbent, non-combustible material into suitable containers. Clean contaminated area with oil-removing material. For waste disposal, see section 13.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Provide good ventilation. Avoid contact with skin and eyes. Persons susceptible for allergic reactions should not handle this product. Wash thoroughly after use. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

No exposure limits noted for ingredient(s).

ENGINEERING MEASURES

Provide adequate ventilation.

HAND PROTECTION

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield. Risk of sensitisation or allergic reactions among sensitive individuals.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|-----------------------|-----------------------|----------------------------|
| APPEARANCE | Viscous liquid | | |
| COLOUR | Red | | |
| ODOUR | Noticeable. | | |
| SOLUBILITY | Immiscible with water | | |
| BOILING POINT (°C) | ND | MELTING POINT (°C) | < -15 |
| RELATIVE DENSITY | ca 1.05 @ 25 °C | VAPOUR PRESSURE | ND |
| pH-VALUE, CONC. SOLUTION | ca 7 | FLASH POINT (°C) | ca 170 °C CC (Closed cup). |
| AUTO IGNITION | ND | PARTITION COEFFICIENT | ND |
| TEMPERATURE (°C) | | (N-Octanol/Water) | |

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

33.080: Pelikan red ink for franking**INHALATION**

May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

EYE CONTACT

May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment. Volatile organic compounds (VOC): 0%.

MOBILITY

The product has poor water-solubility. Not considered mobile.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

There are no data on the degradability of this product.

WATER HAZARD CLASSIFICATION

WGK 1 (Slight hazard)(Self-classification)

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Disposal should be in accordance with local, state or national legislation. Waste to be treated as controlled waste.

DISPOSAL METHODS

Do not allow runoff to sewer, waterway or ground. Contact specialist disposal companies. Liquid components can be disposed of by incineration.

WASTE CLASS

List of Wastes (ref: Decision 2000/532/EC): 08 03 13.

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION**LABELLING**

Irritant

CONTAINS

POLYAMINE / FATTY ACID CONDENSATE

RISK PHRASES

R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24 Avoid contact with skin.

S37 Wear suitable gloves.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

ENVIRONMENTAL LISTING

Environmental Protection Act 1990. Pollution Prevention and Control Act 1999.

33.080: Pelikan red ink for franking**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits EH40. Hazardous Waste Regulations 2005. List of Wastes Regulations 2005. The Solvent Emissions Regulations 2004.

16 OTHER INFORMATION**GENERAL INFORMATION**

NA = not applicable. NC = not classified. ND = no data. TWA = time-weighted average. All components are pre-registered at the European Chemicals Agency (ECHA). This Safety Data Sheet satisfies the requirements of the REACH Regulation (EC): No 1907/2006, as corrected. Article 31. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The precise composition of this product is proprietary information. More details will be supplied in confidence to qualified medical personnel if specific treatment is necessary. All brand names and trademarks are the property of their respective holders and are used here for descriptive purposes only.

REVISION COMMENTS

New format Safety Data Sheet. Changes to Section(s): 2 3 4 5 6 7 8 9 10 12 13 15 16

REVISION DATE D / 26.03.09

SDS NO. 33.080 (was 32.076)

RISK PHRASES IN FULL

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.