

## Safety data sheet

Date of issue: September, 1998

### 1. Identification of the substance/preparation and of the company

*Identification of the product:*

Unifix-6 Foot and tireprint fixative, article number E-11100

Unifix-16 Foot and tireprint fixative, article number E-11000

Supplier: BVDA International b.v., Postbus 2323, 2002 CH HAARLEM, the Netherlands

Telephone: +31-23-5424708 Fax: +31-23-5322358 email: info@bvda.nl

### 2. Composition/information on ingredients

Chemical characterization: Mixture of a coating copolymer, bactericide, aliphatic- and oxygenous hydrocarbons, emulsifying agent and propane/butane.

### 3. Hazard identification

Extremely flammable

### 4. First aid measures

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Wash off with water/soap. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open (several minutes). If symptoms persist, consult doctor.

After ingestion: Rinse mouth; do not induce vomiting. Consult a physician.

### 5. Fire fighting measures

Suitable extinguishing media: CO<sub>2</sub> (carbondioxide), extinguishing powder, alcohol resistant foam.

Unsuitable extinguishing media: water jet.

Special risks: In case of fire, formation of carbon monoxide possible.

Special protective equipment for fire fighting: Wear protective equipment/clothing when fighting fires.

### 6. Accidental release measures

Person-related precautionary measures: Wear protective equipment. Keep unprotected persons away.

Environmental protection measures: no special measures required.

Procedures for cleaning/absorption: Ensure adequate ventilation. Remove all sources of ignition. Absorb liquid components with liquid binding material and forward for disposal in a closed container.

### 7. Handling and storage

*Handling:*

Information for safe handling: Ensure good ventilation/exhaust at the workplace.

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Beware:

Container is pressurized. Keep away from direct sun exposure and temperatures over 50° C. Do not open by force or throw into fire, even after use. Do not spray on flames or red-hot objects.

*Storage:*

Store in cool location. Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Do not store together with strong acids and strong oxidising agents.

Further information about storage conditions: Protect from heat and direct sunlight.

## 8. Exposure controls/personal protection

*Components with critical values that require monitoring at the workplace:*

MAC-Values: Aliphatic hydrocarbon: 600 ppm, oxygenous hydrocarbon: 500 ppm, propane: 1000 ppm, butane: 600 ppm.

*Personal protective equipment:*

General protective and hygienic measures: Wash hands during breaks and at the end of the work.

Respiratory protection: not required

Eye protection: not required.

Skin protection: not required

## 9. Physical and chemical properties

Form: Aerosol

Color: clear

Odour: characteristic

Melting temperature: no data available

Boiling temperature/range: not applicable, as aerosol

Ignition temperature: not applicable, as aerosol

Flash point: not applicable, as aerosol

Explosion limits: lower: 1.4 Vol% upper: 19 Vol%

Vapour pressure (20° C): 2.4 ± 0.5 bar

Density (20° C): 0,677 g/cm<sup>3</sup>

Solubility in water (25° C): partly miscible

## 10. Stability and reactivity

Conditions to avoid: heat; no decomposition if used according to specifications.

Substances to avoid: oxidizing agents and strong acids

Dangerous reactions: no dangerous reactions known.

Hazardous decomposition products: in case of fire, formation of CO may be possible.

## 11. Toxicological information

*Acute toxicity:*

Primary irritant effect on the skin: does not apply.

Primary irritant effect on the eye: may cause irritation.

## 12. Ecological information

Further ecologic data: Do not allow to undiluted product or large quantities to reach sewage systems, groundwater or soil.

## 13. Disposal considerations

*Product:*

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies, which will advise you on how to dispose of special waste.

*Packaging:*

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

## 14. Transport information

*Land transport ADR/RID and GGVS/GGVE:*

ADR/RID-GGVS/GGVE class: 2 Number and letter: 5F

Name of material: AEROSOLS UN-Number: 1950

Remarks: "Limited quantity"

*Maritime transport IMDG/GGVSea:*

IMDG/GGVSea Class: 2 Page: 2102

UN Number: 1950 EmS Number: 2-13 MFAG: Subsection 4.2

Marine pollutant: N

Correct technical name: AEROSOLS

*Air transport ICAO-IATA*

ICAO/IATA class: 2.1 UN-Number: 1950

Correct technical name: AEROSOLS, FLAMMABLE, N.O.S.

## 15. Regulatory information

*Labeling according to EEC Directives:*

Symbols: F+

Description: extremely flammable

R/S-phrases:

R 12: Extremely flammable

S 2-16-23-51: Keep out of reach of children. Keep away from sources of ignition- No smoking. Do not breathe spray. Use only in well-ventilated areas.

*Special designation of certain preparations:*

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C. Do not pierce or burn, even after use. Do not spray on naked flame or any incandescent material.

Water hazard class (Germany): WKG 1 (slightly hazardous for water).

## 16. Other information

The information contained herein is based on our present knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.