



# SX100

## Adhesion Promoter

For maximising the bond strength of adhesive tapes

### Product Safety Data Sheet

#### **Composition/Specification of Components**

- **Chemical name:** Modified Acrylic resin in aliphatic solvents

- **Hazardous Ingredients:**

CAS-No. Name % Code Letter R Sentences

67-63-0 i-Propanol 45-50 F 11

142-82-5 Heptane 45-50 F 11

#### **Hazard Data**

- **Hazard Description:**

Highly flammable.

- **Special hazard data for people and environment:**

Do not pour into drains.

- **Classification system:** Classification corresponds to the latest EC lists for substances and to the latest calculation basis for preparations.

#### **First Aid Procedure**

- **General Information:**

- **After Inhalation:**

Remove to fresh air.

- **After Skin contact:**

Rinse with water and soap immediately

- **After Eye contact:**

Immediately flush with plenty of water for at least 15 min. and get medical attention.

- **After Ingestion:**

Rinse your mouth with water. Swallow water. Try not to vomit. See physician

#### **Fire Fighting Procedure**

- **Suitable extinguishing media:**

Dry extinguishing media; foam; carbon dioxide (CO<sub>2</sub>); water spraying.

- **Extinguishing media that should not to be used for safety reasons:**

Water jet.

- **Special protective equipment:**

#### **Procedure in Case of Unintended Liberation**

- **Personal precautions:**

Do not breathe vapour; eventually wear a gas mask.

**- Environmental precautions:**

Do not pour into drains.

**- Cleaning/Absorption Procedures:**

Eliminate all ignition source; use absorbent materials.

Dispose waste as described under "Disposal of toxic waste."

## **Handling and Storage**

**- Handling:**

**- Information for safe handling:**

Keep away from heat and open flame. Keep container in a well ventilated place, take precautionary measures against static discharge.

**- Fire and explosion hazard data:**

Keep away from sources of ignition - No smoking.

**- Storage:**

Keep container tightly closed.

Recommended storage temperature: 10°C - 25°C.

**- VbF Class:**

A1 = flammable

## **Exposition Limits and Personal Protective Equipment**

**- Ingredients and limits which need to be controlled with regard to their Concentration at the working station:**

CAS No. Description of the Substance % Type Value Unit

67-63-0 i-propanol 40-50 MAK 980 mg/m<sup>3</sup>

142-82-5 Heptane 40-50 MAK 2000 mf/m<sup>3</sup>

**- Additional information:**

### **Personal Protective Equipment:**

**- General protective and hygienic procedures:**

Use gloves; do not eat, drink or smoke at workplace. Wash hands with water and soap before breaks.

Change polluted clothes immediately.

**- Respirator:**

Good ventilation at workplace. Do not breathe vapour.

**- Hands:**

Wear solvent resistant gloves

**- Eyes:**

Wear protection glasses with side protection.

## **Physical and Chemical Properties:**

- **Form:** LIQUID
- **Colour:** WITHOUT COLOUR
- **Odour:** ALCOHOLIC ODOUR

### **Value/Range Unit Method**

state change

melting point °C

boiling point/range 76 °C DIN

flash point 12 °C DIN

ignition temperature >200 °C DIN

explosion hazard

explosion limit for heptane

lower 1.1 Vol.%

upper 6.7 Vol.%

vapour pressure for heptane 48 mbar literature

density 0.73 g/cm<sup>3</sup> DIN

solubility in water N.A. g/l (25°C)

pH value ( g/l) N.A. ---

viscosity (20°C) N.A. ---

## **Stability and Reactivity**

### **- Conditions to be avoided:**

Do not inhale vapors. Bad ventilation. Avoid ignition sources. Avoid electrostatic charges.

### **- Substances to be avoided:**

None if used following instructions.

### **- Hazardous decomposition products:**

**CO, CO<sub>2</sub>**

## **Toxicology Data**

- No data available for the product itself.

- We have to consider the MAK value of i-Propanol (980 mg/m<sup>3</sup>)

## **Ecology Data**

- Kühn-Birett : H1

- WGK : 1L

## **Disposal Data**

- Product: Organic halogen-free solvents

- Recommendation: collecting container O

- Waste key No.: 14

### **- Contaminated packaging:**

## **Transportation Data**

- Land transport ADR/RID and GGVS/GGVE (across the borders/domestic):

- ADR/RID-GGVS code: 3

- Figure/letter: 5

- UN number: 1133

- Sea transport IMDG/GGVSee:

- IMDG/GGVSee code: 3 label 3mp

- Page: 3302

- UN number: 1133

- Packaging code: III

- EMS number: 3-05

- MFAG: 330

- Label: Flammable liquid

- Air transport ICAO-TI and IATA-DGR:

- ICAO/IATA code: 3
- **UN-ID number: 1133**
- **Packaging code: III**
- **Label : Flammable liquid**

**Safety Data Sheet  
to 91/155/EC**

## **Instructions**

- **Labelling to EC guidelines:**
- **Code letter and hazard description of the product:**

F : Highly flammable

- **Hazardous components for labelling:**

/

- **R Sentences:**

Highly flammable

Keep container tightly closed

- **S Sentences:**

Keep container in a well ventilated place

7-9-16-23-29-33

Keep away from sources of ignition - No Smoking

Do not breathe vapour

- **Special labelling of specific preparations:**

Do not empty into drains

Take precautionary measures against static discharges

- **National instructions:**

- **Classification to VbF: AI**

- **Technische Anleitung Luft: /**

(Technical guidance air, Germany)

- **Water endangering class**

(Germany): /

### **16. Miscellaneous**

- **Data sheet edited by: M. LADANG**

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- **Date of issue : 03/07/96**

