**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY.**

**PRODUCT DETAILS:**

**LACQUER PEN: clear or pigmented**

**FINE-LINER: clear or pigmented**

**Touch up pens ready for use**

**SUPPLIER DETAILS:**

MERKELBACH

Adolf Greinerstraat 12

2660 Antwerpen – Belgium

Tel. +32-3-658.33.79

**2. COMPOSITION/INFORMATION ON INGREDIENTS.**

CAS-NO: COMPONENT CONTENTS

123-86-4 ACETIC ACID-N-BUTYL-ESTER 50-75%

PIGMENTS IN SYNTHETIC RESIN 0-5 %

**3. HAZARDOUS IDENTIFICATION.**

IN CASE OF PROPER USE - NON-DANGEROUS FOR HUMAN AND ENVIRONMENT

**4. FIRST AID MEASURES.**

**AFTER INHALATION:**

REMOVE PERSON TO FRESH AIR.

**AFTER SKINCONTACT:**

CLEAN SKIN WITH WATER AND SOAP.

**AFTER SWALLOWING:**

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**AFTER EYE-CONTACT:**

IRRIGATE EYES COPIOUSLY WITH CLEAN WATER

CONSULT A DOCTOR.

**5. MEASURES REGARDING FIGHT AGAINST FIRE.**

SUITABLE FIRE-EXTINGUISHER:

FOAM, DRY POWDER, CARBON DIOXIDE, WATER JET,

VAPOURS FROM ORGANIC MATERIALS ARE FUNDAMENTAL TO BE CLASSIFIED

AS BREATING TOXICS

**6. ACCIDENTAL RELEASE MEASURES.**

KEEP AWAY FROM SOURCES OF IGNITION. VENTILATE AREA. REMOVE PAINT

WITH COTTON-CLOTH AND LET IT DRY.

**7. HANDLING AND STORAGE.**

STORE PENS COOL AND DRY. IN CASE OF LARGE QUANTITIES, VENTILATE AREA.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

INGREDIENTS WITH OCCUPATIONAL EXPOSURE LIMITS TO BE MONITORED:

TYPE/ORIGIN MAK

CAS NUMBER 123-86-4

NAME ACETIC ACID-N-BUTYL-ESTER

LIMIT VALUE 200 PPM.

HAND PROTECTION:

NO SPECIAL PROTECTION MEASURES NECESSARY.

RESPIRATORY PROTECTION:

NO SPECIAL PROTECTION MEASURES NECESSARY.

EYE PROTECTION:

NO SPECIAL PROTECTION MEASURES NECESSARY.

BODY-PROTECTION:

NO SPECIAL PROTECTION MEASURES NECESSARY.

**9. PHYSICAL AND CHEMICAL PROPERTIES.**

LACQUER PENS, TRANSPARANT OR IN DIFFERENT COLOURS.

LACQUER-SUPPLY BY MEANS OF FILTER AND VALVE, PACKED IN BURSTFREE

METAL CARTRIDGES.

SMELL: PRODUCT-TYPICAL BUTYL-ACETATE.

VOC-CONTENTS: 80%

**10. STABILITY AND REACTIVITY.**

**HAZARDOUS REACTIONS:**

KEEP AWAY FROM STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS :**

CARBON MONOXIDE, CARBON DIOXIDE.

**11. TOXICOLOGICAL INFORMATION.**

IN CASE OF PROPER USE:

NON-DANGEROUS.

**12. ECOLOGICAL INFORMATION.**

IN CASE OF PROPER USE:

NON-DANGEROUS FOR ENVIRONMENT.

**13. WASTE DISPOSAL:**

EMPTY CARTRIDGES CAN BE DISPOSED AS STANDARD WASTAGE.

**14. TRANSPORT INFORMATION.**

NON-DANGEROUS GOODS

**15. REGULATORY INFORMA­TION.**

NO SPECIAL WARNINGS.

BAO PENS ARE CLASSIFIED AS WRITING- AND DRAWING-MATERIALS.

**16. OTHER INFORMATIONS:**

THESE INFORMATIONS ARE BASED ON THE PRESENT STATE OF OUR KNOWLEDGE.

THEY ARE MEANT AS A DESCRIPTION OF THE SAFETY REQUIREMENTS OF OUR

PRODUCT AND ARE NOT TO BE CONSIDERED AS A GUARANTEE OF THE PRODUCT'S

PROPERTIES.