**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.