

21700-1004

**SENNELIER****SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING**

PRODUCT NAME

Oil Pastels Fixative: all sizes

CHEMICAL NAME OR

Additive for artistical use

GENERIC NAME

SUPPLIER

MAX SAUER SAS ,

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[max.sauer@sennebio.fr](mailto:max.sauer@sennebio.fr)**2. COMPOSITION/INFORMATION ON INGREDIENTS**

## Ethanol

| EINCS     | CAS No. | Content | Symbol | R-phrases |
|-----------|---------|---------|--------|-----------|
| 200-578-6 | 64-17-5 | 70-80 % | F      | R11       |

## Ethylene Glycol

| EINCS | CAS No.  | Content | Symbol | R-phrases |
|-------|----------|---------|--------|-----------|
|       | 107-21-1 | 2.5-5 % | Xn     | R22       |

## n-butanol

| EINCS | CAS No. | Content | Symbol | R-phrases          |
|-------|---------|---------|--------|--------------------|
|       | 71-36-3 | 2.5-5 % | Xn     | R10,22,37/38,41,67 |

**3. HAZARDS IDENTIFICATION****HIGHLY FLAMMABLE F****R11 :** Highly flammable.**4. FIRST AID MEASURES**

INGESTION

**DO NOT INDUCE VOMITING!**

Do NOT make the victim drink milk or fatty fluids.

SKIN

Remove contaminated clothing.

Get medical attention promptly if symptoms occur after washing.

EYES

Continue to rinse for at least 15 minutes and get medical attention.

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## 5. FIRE FIGHTING MEASURES

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| EXTINGUISHING MEDIA              | RECOMMENDED : Water spray, fog or mist. Powder, foam or CO2.<br>NOT SUITABLE : Water jet.       |
| SPECIAL FIRE FIGHTING PROCEDURES | Treat as hydrocarbon fire.<br>In case of fire and/or explosion do not breathe fumes.            |
| SPECIFIC HAZARDS                 | Forms explosive mixtures with air.                                                              |
| HAZARDOUS COMBUSTION PRODUCTS    | Toxic gases/vapours/fumes: Carbon monoxide (CO), Carbon dioxide (CO2), Nitrous gases (NOx). ... |
| PROTECTIVE MEASURES IN FIRE      | Wear individual breathing apparatus.                                                            |

## 6. ACCIDENTAL RELEASE MEASURES

|                          |                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERSONAL PROTECTION      | Avoid inhaling vapours.                                                                                                                                                                                                                                                                                                                                                                        |
| ENVIRONMENTAL PROTECTION | Discharge in sewers prohibited.                                                                                                                                                                                                                                                                                                                                                                |
| SPILL CLEANUP METHODS    | Absorb in vermiculite, dry sand or earth and place into containers.<br>Wear necessary protective equipment.<br>Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.<br>Avoid contact with skin or inhalation of spillage, dust or vapour.<br>Provide ventilation and confine spill. Do not allow runoff to sewer.<br>Do not contaminate water sources or sewer. |

## 7. HANDLING AND STORAGE

|                     |                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USAGE PRECAUTIONS   | Keep away from heat, sparks and open flame.<br>Ventilate well, avoid breathing vapours. In case of insufficient ventilation, wear suitable respiratory equipment.<br>Avoid spilling, skin and eye contact. |
| STORAGE PRECAUTIONS | Use containers made of: Metals.<br>Do NOT use containers made of: Plastics.                                                                                                                                |
| STORAGE CRITERIA    | Flammable liquid storage.                                                                                                                                                                                  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



|                    |                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------|
| PROCESS CONDITIONS | Use engineering controls to reduce air contamination to permissible exposure level.<br>Provide eyewash station. |
| VENTILATION        | Provide adequate general and local exhaust ventilation.                                                         |
| RESPIRATORS        | Do NOT breathe vapours.<br>If ventilation is insufficient, suitable respiratory protection must be provided.    |
| PROTECTIVE GLOVES  | Use protective gloves.                                                                                          |
| EYE PROTECTION     | Wear approved safety goggles.                                                                                   |

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|                         |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OTHER PROTECTION        | Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.                                                                                                                                                                                                                                                         |
| HYGIENIC WORK PRACTICES | <b>DO NOT SMOKE IN WORK AREA!</b><br>No eating or drinking while working with this material.<br>Wash at the end of each work shift and before eating, smoking and using the toilet.<br>Promptly remove any clothing that becomes contaminated.<br>Wash promptly with soap & water if skin becomes contaminated.<br>Use appropriate skin cream to prevent drying of skin. |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                                                               |
|---------------------------------|---------------------------------------------------------------|
| APPEARANCE                      | Liquid.                                                       |
| COLOUR                          | Slightly yellow.                                              |
| ODOUR                           | Ethanol.                                                      |
| PHYSICAL DATA COMMENTS          | Take precautionary measures against electrostatic discharges. |
| DENSITY/SPECIFIC GRAVITY (g/ml) | 0.82-0.85<br>Temperature (°C) :20°C                           |
| FLASH POINT (°C)                | 12 °C<br>Method :Sh CC (Setaflash closed cup).                |

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## 10. STABILITY AND REACTIVITY

|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| STABILITY                  | Stable under normal storage condition.                                                                                                        |
| CONDITIONS TO AVOID        | Avoid heat.<br>Avoid contact with acids and oxidising substances.                                                                             |
| HAZARDOUS DECOMP. PRODUCTS | Fire creates:<br>Toxic gases/vapours/fumes of: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrous gases (NO <sub>x</sub> ). ... |

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## 11. TOXICOLOGICAL INFORMATION

|            |                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| INHALATION | Solvent vapours are hazardous and may cause nausea, sickness and headaches.<br>Drowsiness, dizziness, disorientation, vertigo. |
| INGESTION  | Liquid irritates mucous membranes and may cause abdominal pain if swallowed.                                                   |
| SKIN       | Prolonged or repeated contact leads to drying of skin.                                                                         |
| EYES       | May cause severe irritation to eyes.                                                                                           |

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## 12. ECOLOGICAL INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------|
| ECOLOGICAL INFORMATION | Do not discharge into drains or the environment ; dispose to an authorised waste collection point. |
|------------------------|----------------------------------------------------------------------------------------------------|

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## 13. DISPOSAL CONSIDERATIONS

|                  |                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DISPOSAL METHODS | Contact specialist disposal companies.<br>Do not allow runoff to sewer, waterway or ground.<br>Store waste impregnated with solvents in closed sealed containers |
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## 14. TRANSPORT INFORMATION

### LABEL FOR CONVEYANCE



#### ROAD TRANSPORT:

|                                 |                             |
|---------------------------------|-----------------------------|
| UN NO. ROAD                     | 1263                        |
| ADR CLASS                       | Class 3: Flammable liquids. |
| HAZARD NO. (ADR)                | 5b                          |
| HAZCHEM CODE                    | 33                          |
| PROPER SHIPPING NAME (NATIONAL) | PAINTS (contains : ethanol) |

#### SEA TRANSPORT:

|                    |      |
|--------------------|------|
| UN NO. SEA         | 1263 |
| IMDG PACKING GROUP | II   |
| EMS NO.            |      |
| MFAG TABLE NO.     |      |
| MARINE POLLUTANT   |      |

#### AIR TRANSPORT:

|                         |      |                             |
|-------------------------|------|-----------------------------|
| UN NO., AIR             | 1263 | PAINTS (contains : ethanol) |
| IATA/ICAO PACKING GROUP | II   |                             |
| Packing instructions:   | 305  |                             |

## 15. REGULATORY INFORMATION

### SYMBOLS



#### RISK PHRASES

**R11 :** Highly flammable.

#### SAFETY PHRASES

**S2:** Keep out of the reach of children.  
**S16:** keep away from sources of ignition- No smoking.  
**S46:** If swallowed, seek medical advice immediately and show this container or label.

Commission Directive 2001/59/EC of 6 August 2001 adapting to technical progress for the 20th time Council Directive 67/548/EEC...

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technical progress for the 28th time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal L 225 - 21/08/2001).  
Dangerous preparations : Directive 99/45 amended by Directive 2001/60/EC - OJEC L226 - 22/08/2001.  
Directive 91/155/EEC amended by Directive 93/112/EEC and Directive 2001/58/EC : Safety data sheets.

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## 16. OTHER INFORMATION

### USER NOTES:

This information ONLY applies to this product which conforms to the specification of Max Sauer SAS.  
In case of formulations or mixtures, the user must ensure that new hazards are not apparent in line with the above.  
The information contained herein is based on our knowledge of the product, at the date of publishing and it is given in good faith.  
Please note the possible risks involved if this product is used for applications other than those for which it is intended.  
This sheet shall only be used and reproduced for Health & Safety purposes.  
The references to legislative & regulatory information and codes of practice are not exhaustive. Other applicable regulations may be considered.  
It is the responsibility of the user to refer to existing legislation concerning the use, the storage and the safe handling of the product.  
It is also the responsibility of the user to communicate ALL information related to the protection of Health, Safety & the Environment contained within this Material Safety Data Sheet to those persons involved in the handling of this product.