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**01539-1005****SENNELIER MSDS****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING**

PRODUCT NAME Alcohol based retouching varnish: all sizes  
 CHEMICAL NAME OR Additive for artistical use  
 GENERIC NAME  
 SUPPLIER MAX SAUER SAS  
 2, rue Lamarck, BP 204, F-22002 SAINT BRIEUC Cedex 02  
 Tel: +33 2 96 68 20 00, Fax: +33 2 96 61 77 19  
 E mail

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

## Ethanol

EINCS	CAS No.	Content	Symbol	R-phrase
	64-17-5	> 70 %	F	R11

## Ethyl Acetate

EINCS	CAS No.	Content	Symbol	R-phrases
	141-78-6	< 10 %	Xi	R11,36,66,67

**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.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED : Water spray, fog or mist, Powder, foam or CO2.  
 NOT SUITABLE : Water jet.  
 SPECIAL FIRE FIGHTING Treat as hydrocarbon fire.

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PROCEDURES	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. Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid contact with skin or inhalation of spillage, dust or vapour. Provide ventilation and confine spill. Do not allow runoff to sewer. Do not contaminate water sources or sewer.

## 7. HANDLING AND STORAGE

USAGE PRECAUTIONS	Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid spilling, skin and eye contact.
STORAGE PRECAUTIONS	Use containers made of: Metals. 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. Provide eyewash station.
VENTILATION	Provide adequate general and local exhaust ventilation.
RESPIRATORS	Do NOT breathe vapours. If ventilation is insufficient, suitable respiratory protection must be provided.
PROTECTIVE GLOVES	Use protective gloves.
EYE PROTECTION	Wear approved safety goggles.
OTHER PROTECTION	Wear appropriate clothing to prevent any possibility of liquid contact

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and repeated or prolonged vapour contact.

**HYGIENIC WORK PRACTICES**

**DO NOT SMOKE IN WORK AREA!**  
 No eating or drinking while working with this material.  
 Wash at the end of each work shift and before eating, smoking and using the toilet.  
 Promptly remove any clothing that becomes contaminated.  
 Wash promptly with soap & water if skin becomes contaminated.  
 Use appropriate skin cream to prevent drying of skin.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid.
COLOUR	Slighty yellow.
ODOUR	Ethanol.
PHYSICAL DATA COMMENTS	Take precautionary measures against electrostatic discharges.
DENSITY/SPECIFIC GRAVITY (g/ml)	0.82-0.85 Temperature (°C) :20°C
FLASH POINT (°C)	< 21 °C 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. Avoid contact with acids and oxidising substances.
HAZARDOUS DECOMP. PRODUCTS	Fire creates: 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. 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

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.  
Do not allow runoff to sewer, waterway or ground.  
Store waste impregnated with solvents in closed sealed containers

**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 PAINTS (contains : ethanol)  
(NATIONAL)

**SEA TRANSPORT:**

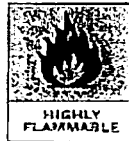
UN NO. SEA 1263  
IMDG PACKING GROUP II  
EMS NO.  
MFIAG TABLE NO.  
MARINE POLLUTANT

**AIR TRANSPORT:**

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

**15. REGULATORY INFORMATION**

SYMBOLS



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**RISK PHRASES****R11 :** Highly flammable.**SAFETY PHRASES****S2:** Keep out of the reach of children.**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 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.

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