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MATERIAL SAFETY DATA SHEET  
OSHA Hazard Communication  
Standard (29 CFR 1910.1200)

SIMILAR TO OSHA FORMS 20 AND 174  
US Department of Labor  
Printed on 9/18/91 at 12:28

Material Identity  
Lascaux Pix, Aerosol Spray

Sec. No. 6 Rev. No. 1  
ASTM D4236-89 Yes  
Certification

SECTION I MANUFACTURER'S NAME AND LOCATION

Manufact. Name Lascaux Farbenfabrik AG.  
Address line 1 42 Zurichstrasse  
Address line 2 Brütisellen, CH-8306  
Address line 3 Switzerland  
Info. Tel. No. 011-41-1-833-0786 Emerg. Tel. No. 1(800)468-6942  
Prep. Date 09/05/91 Responsible Person Alois K. Diethelm

SECTION II HAZARDOUS INGREDIENTS/IDENTITY/STANDARDS/CONTENT INFORMATION

Ingredient Listing	CAS No.	OSHA PEL	ACGIH TLV	STEL	% COMP
1,1,1-Trichloroethane	71-55-6	350 ppm	350 ppm	450 ppm	< 50
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	500 ppm	< 30
Butane	106-97-8	800 ppm	800 ppm	N/L	< 30
Dimethyl Ether	115-10-6	N/L	N/L	N/L	< 10
Propane	74-98-6	1000 ppm	1000 ppm	N/L	< 10
Toluene	108-88-3	100 ppm	100 ppm	150 ppm	< 5
1-Methoxy-2-Propanol	107-98-2	100	100	150	< 5
Methoxy-Acetoxypropane	108-65-6	N/L	N/L	N/L	< 5
Polymer	N/L	N/L	N/L	N/L	< 5

This product is intended for professional use. IT IS NOT INTENDED FOR USE BY CHILDREN. Keep out of the reach of children. In spray applications, adequate ventilation is required. Avoid breathing vapor. Avoid flame, spark or heat sources while spraying. Use approved NIOSH respirator. Flammable.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point N/A Deg. F {Cel} Spec. Grav. N/A  
Melting Point N/A Deg. F {Cel} (H2O=1)  
Vapor Pressure Aerosol Vapor Density N/A  
Evaporation Rate Rapid Water Solubility N/A  
Odor Hydrocarbon odor Appearance N/A

SECTION IV FIRE and EXPLOSION HAZARD DATA

Flash Point N/A (low) Deg. F. (Cel) Flash Pt. Method N/A  
Lower Flam. Limit N/A Upper Flam. Limit N/A  
Exting. Medium Use Carbon Dioxide or dry powder on fire; use water spray/mist to cool unexploded, heated cans.  
Specialized Fire None Known; Use extreme caution in firefighting operations  
Fighting Proc. as heated aerosol cans can explode and fragment.  
Unusual Fire & Explosion Hazard Aerosol cans may explode. Chlorinated solvents may decompose to phosgene gas or HCl. Use NIOSH approved respiratory protection.

SECTION V REACTIVITY DATA

Stable {Unstable} Conditions Heat or punctures of container. {yes/no} to avoid  
Incompat. (Avoid) Yes Avoid heat and open flame or spark.  
Haz. Decomp. (y/n) Yes Haz. Polym. (yes/no) No  
Cond. to Avoid. Avoid heat and open flame or spark. Extremely flammable due to solvent and aerosol propellants. Combustion may lead to phosgene and HCl.

Confirm all information prior to use  
Abbreviations: Not Applicable N/A.. Not Flammable N/F Ceiling Value C  
Not Known N/K Not Determined N/D  
Permissible Exposure Limit PEL ACGIH Threshold Limit Value TLV  
The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any intention or purpose. No other warranty is given. (TLV Reg. TM, ACGIH)

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MATERIAL SAFETY DATA SHEET  
 OSHA Hazard Communication  
 Standard (29 CFR 1910.1200)

SIMILAR TO OSHA FORMS 20 AND 174  
 US Department of Labor  
 Printed on 9/18/91 at 12:28:55pm

Material Identity Lascaux Fix, Aerosol Spray

SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation May be inhaled as vapor or mist (aerosol)  
 Skin Not likely in toxic amounts Ingest. Not likely for aerosols.  
 Health Hazards Avoid inhalation of vapor or spray. Solvent effects may occur  
 in poorly ventilated spaces. High level exposure to  
 chlorinated solvents may cause liver and kidney damage.  
 Cardiac effects may occur due to chlorinated solvent exposure.  
 Do not spray inside of enclosed or confined spaces.  
 NTP Carcinogen No IARC Carcinogen No OSHA Carcinogen No  
 Signs/Symptoms Signs of central nervous system depression, headache, nausea  
 of Exposure may occur with inadequate ventilation.  
 Medical Conditions Cardiac problems; liver and kidney disease.

First Aid Inhalation: Remove to fresh air and support respiration. Eyes:  
 carefully wash or rinse for 15 minutes. Contact a physician if  
 irritation occurs or persists. Skin: Wash area with soap and water  
 Ingestion: Drink water or milk to dilute, contact a physician.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Contain spill. Spill area will be slippery. Recover as  
 much as possible for reuse. Spread commercial absorbent  
 over remainder and place into sealed container for  
 disposal.  
 Waste Disp Dispose as directed by local regulations. Do not burn,  
 puncture or incinerate empty containers as they may  
 explode.  
 Precautions Store at room temperature or below; avoid heat sources or  
 flame. Provide ventilation when in use. Avoid contact  
 with eyes and skin. Wash thoroughly after handling. Do  
 not puncture.  
 Other Precautions As with all chemicals, good industrial hygiene and proper  
 work habits should be observed.

SECTION VIII CONTROL MEASURES

Resp. Protect. Use ventilation and spray away from breathing zone.  
 Ventilation required.  
 Local Exhaust Should be used to prevent routine inhalation.  
 Spec. Local. Exh. Use with normal room ventilation  
 Mech. Exhaust Mechanically exhaust vapors at point(s) of application.  
 Other Mech. Exhaust None  
 Protect. Gloves Gloves are recommended when handling large amounts.  
 Eye Protect Strongly recommended when using this product.  
 Protect. Clothing Artist's smock or other similar protective garment.  
 Work Practices Spray application requires cautious use to avoid  
 flammability hazards. Good industrial hygiene and proper  
 work habits should be observed. Clean up work area after  
 use. This product is intended for professional use only.  
 Use NIOSH approved respiratory to supplement ventilation.

Confirm all information prior to use  
 Abbreviations: Not Applicable N/A.. Not Flammable N/F Ceiling Value C  
 Not Known N/K.. Not Determined N/D  
 Not Listed N/L  
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 Printed on 9/18/91 at 12:28:51pm

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Boiling Point N/A Deg. F (Cel) Spec. Grav. N/A  
 Melting Point N/A Deg. F (Cel) (H2O=1)  
 Vapor Pressure Aerosol Vapor Density N/A  
 Evaporation Rate Rapid Water Solubility N/A  
 Odor Hydrocarbon odor Appearance N/A

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Flash Point N/K (low) Deg. F. (Cel) Flash Pt. Method N/A  
 Lower Flam. Limit N/A % Upper Flam. Limit N/A  
 Exting. Medium Use Carbon Dioxide or dry powder on fire; use water spray/mist to cool unexploded, heated cans.  
 Specialized Fire Fighting Proc. None Known; Use extreme caution in firefighting operations as heated aerosol cans can explode and fragment.  
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Stable (Unstable) Conditions Heat or punctures of container. to avoid  
 Stable (yes/no) Yes  
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 Deviations: Not Applicable N/A... Not Flammable N/F Ceiling Value C  
 Not Known N/K Not Determined N/D  
 Not Listed N/L  
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