



Nov-12-02 12:04P

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

SIMILAR TO OSHA FORMS 20 AND 174
Printed on 9/18/91 at 12:28 PM

Material Identity
Lascaux Fix, Aerosol Spray

Seg. 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
Prep. Date: 09/05/91
Emerg. Tel. No.: 1(800)468-6942
Responsible Person: Alois K. Diethelm

SECTION II HAZARDOUS INGREDIENTS/IDENTITY/STANDARDS/CONTENT INFORMATION

Table with 7 columns: Ingredient Listing, CAS No., OSHA PEL, ACGIH TLV, STEL, % COMP. Rows include 1,1,1-Trichloroethane, Isopropyl Alcohol, Butane, Dimethyl Ether, Propane, Toluene, 1-Methoxy-2-Propanol, Methoxy-Acetoxypropane, and Polymer.

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

SECTION IV FIRE and EXPLOSION HAZARD DATA

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.
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) {yes/no} Conditions Heat or punctures of container. to avoid
Incompat. (Avoid) {Stable} 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 Determined N/D, Not Listed N/L, 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)



Nov-12-02 12:05P

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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.
to Avoid
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.

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Confirm all information prior to use
Abbreviations: Not Applicable N/A.. Not Flammable N/F Ceiling Value C
Not Known N/K Not Listed N/L Not Determined N/D
Permissible Exposure Limit PEL ACGIH Threshold Limit Value TLV
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MATERIAL SAFETY DATA SHEET
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Printed on 9/18/91 at 12:28:51pm

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Lascaux Fix, Aerosol Spray

Seq. No. 6 Rev. No. 1
ASTM D4236-89 Yes
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Manufact. Name Lascaux Farbenfabrik AG.
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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

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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/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 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. to avoid
{yes/no}
{Stable} Yes
Incompat. (Avoid) 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.

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Exemptions: Not Applicable N/A.. Not Flammable N/F Ceiling Value C
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Not Listed N/L
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of Exposure may occur with inadequate ventilation.
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