

Safety Data Sheet (2001/58/EG)

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date of issue: September, 01, 2005

Trade Name: LUKAS painting medium 4, article no. 2224

1. Identification of the substance, preparation and the company:

Trade Name: LUKAS painting medium 4, article no. 2224

Intended Use: painting medium for LUKAS oil colours for mixing alkyd oil colour

Manufacturers Name: LUKAS Künstlerfarben & Maltuchfabrik,
Dr. Fr. Schoenfeld GmbH & Co.

Manufacturers Address: Harffstr. 40
40591 Düsseldorf – Germany

Phone: ++49-211-78130

Fax: ++49-211-781329

Emergency Phone: ++49-211-7813-40/44 (LUKAS laboratory)

2. Composition / Information on Ingredient:

solution of alkyd resin in mineral spirit.

Dangerous components:

	CAS-No.	Content
• aliphatic hydrocarbons Xn, N; R 10, 51/53, 65, 66		< 50,0 %
• 1,2,4-trimethylbenzol Xn, N; R 10, 20, 36/37/38, 51/53	95-63-6	< 6,0 %
• xylol Xn; R 10, 20/21, 38	1330-20-7	< 1,5 %

3. Health Hazard Data:

N Dangerous for the environment

R 10: flammable

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures:

In general: Remove all contaminated clothing immediately.

Inhalation: Move to a well ventilated area. If unconscious, seek medical attention.

Skin Contact: Wash skin with soap and water for 5 minutes. Seek medical attention if skin-irritation persists.

Eye Contact: Remove all eyewear. Rinse eyes thoroughly (5 – 10 minutes) with water. Seek medical attention if irritation develops.

Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Get prompt medical attention. If symptoms occur, move to fresh air. If symptoms persist, see a physician.

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5. Fire Fighting Measures:

Extinguishing Media: water fog, water mist.

Not recommended for security reasons: full power water jet, CO2.

Particular danger caused by material, its combustion products or gases: may form explosive gas air mixture.

Proper Protective Equipment: protective clothing and a self-contained breathing apparatus.

6. Accidental Release Measures

Air: not applicable

Water: Avoid entry into water and sewage systems. Pay attention to local official rules.
Contain contaminated extinguished water.

Ground: Pick up product with liquid-binding material (sand, acid-binder, universal-binder, sawdust)

Contaminated material should be disposed as mentioned under point 13. Ensure good ventilation.

7. Handling and Storage

7.1 Handling: Handling as usual for working with chemicals:
Keep away from food and drinks.
Avoid open fire as product is flammable.
Avoid skin contact.
Wash hands immediately after use.
Avoid ingestion.
Avoid breathing vapours.
Keep away from eyes.
When using wear impermeable protective gloves.
When using do not eat, drink or smoke.
Do not store or use near heat or flame.
Use exhaust fan to admire adequate cross ventilation.

7.2 Storage: Store in a cool area and avoid direct sunlight.
Avoid release to the environment.
Keep out of reach of children.

8. Exposure Controls / Personal Protection

General protective measures:

Observe the usual precautions for handling chemicals. Use only in well ventilated areas.

Hygiene measures:

Wash hands before breaks and after work.

Use barrier skin cream.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

Hand protection:

Protective gloves.

Eye protection:

Safety glasses.

Body protection:

Working clothes.

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9. Physical and Chemical Properties

Form:	liquid	
Colour:	yellowish	
Odour:	characteristic	
Boiling Point:	142 – 200 °C	(solvent)
Flash Point:	34,5 °C	
Ignition Temperature:	approx. 200 °C	(solvent)
Explosion Limits:	lower explosion limit (%): 0,6 %	(solvent)
	upper explosion limit (%): 7,0 %	(solvent)
Density:	0,93 g/ml	(20 °C)
Solubility in Water:	not mixable	

10. Stability and Reactivity

- Conditions to avoid:* No decomposition when stored and handled correctly.
Dangerous reactions: May cause with air an explosive steam-air-mixture.
Strong reaction with: Strong oxidizing agents and strong acids.
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11. Toxicological Information

There are no data available on the preparation itself.

- Skin effects:* irritating; can cause dry skin.
Eye Effects: irritating effect to eyes possible.
Sensitisation: no sensitising effect known.
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12. Ecological Information

There are no data available on the preparation itself.

- General hint:* The product should not be allowed to enter drains or water courses.
Water hazard class (German regulation) 2 (self-assessment): hazardous for water.
Avoid entry into water, ground and sewage systems.
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13. Disposal Considerations

Pick up spilled quantities with universal-binder (kieselguhr) or sand. Dispose of this material and its container at hazardous or special waste collection points. Do not dispose with household waste. Avoid entry into sewage system.

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14. Transport Information:

14.1 Road Transportation (ADR/RID):

ADR/RID: 3
packaging group: III
UN-No.: 1866
Code: F1

14.2 Navigation Transportation (IMDG):

IMDG: 3
UN-No.: 1866
EMS-No.: 3-05
Marine pollutant: yes (P)
packaging group: III

14.3 Air Transportation) ICAO/IATA):

ICAO/IATA-DGR: class 3
UN-No.: 1866
packaging group: III

14.4 Additional Comments:

Correct technical name: resin solution, flammable (contains white spirit)

15. Regulatory Information:

Labelling after EC regulations:

Danger Description: N: Dangerous for the environment
Flammable

Product includes: mineral spirit

Risk-Phrases:

R 10: Flammable.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Additional details: packing with child-safety-stopper

16. Other Information

The purpose of this Safety Data Sheet is to describe our product with respect to possible safety issues and requirements. All data presented has been prepared using our most recent knowledge and experience, and is not meant to be a guarantee of the products' properties.

R-phrases pt. 2

R 10: Flammable.

R 20: Harmful by inhalation.

R 20/21: Harmful by inhalation and in contact with skin.

R 36/37/38: Irritating to eyes, respiratory system and skin.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65: Harmful: May cause lung damage if swallowed.

R 66: Repeated exposure may cause skin dryness or cracking.