

SAFETY DATA SHEET (EC 1907/2006)

Special liquid PA2 / PA3 liquid

Liquido de Revestimento Mega-Liq

Universal liquid LUKAVest liquid

Car. Univ. liquid LUKAVest liquid Premium

Version:

2.0 / EN

Material no.

div. consult sec. 17 appendix

Revision date:

07.01.2022

Issue date:

01.07.2021

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name **Special Liquid - PA2 / PA3 Liquid / Liquido de Revestimento Mega-Liq
Universal Liquid - LUKAVest Liquid
Car. Univ. Liquid - LUKAVest Liquid Premium**

Details of Supplier Lukadent GmbH
Felsenbergweg 2
D-71701 Schwieberdingen

Telephone +49 (0)5471/32955
Telefax +49 (0)7150/34113
Email address qa@lukadent.de
Emergency telephone number +49 (0)5471/9515010 (This telephone number is available during office hours only.)

1.1 Use of the Substance / Preparation For dental use only.

REACH Registration No.: if available listed in Chapter. 3

2. HAZARDS IDENTIFICATION

Other Hazards

No dangerous reactions are known to occur with correct handling and storage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Watery solution of alkali stabilised colloidal silicic acid

4. FIRST AID MEASURES

Skin contact

Wash off with plenty of water.

Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.
Consult an ophthalmologist.

Ingestion

Consult a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

water spray, foam, quenching powder, carbon dioxide (CO2)

Unsuitable extinguishing media

high volume water jet

Special hazards arising from the substance or mixture

The product itself does not burn.

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Special protective equipment for fire-fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear suitable gloves.

Environmental precautions

When substantial quantities of the product are on hand, do not drain into water courses, groundwater and sewage system.

Methods and material for containment and cleaning up

Pick up mechanically with a suitable material and collect in a suitable container.

With small amounts: Rinse away any residue with plenty of water.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling

Wear suitable protective clothing and gloves.

Advice on protection against fire and explosion

No special precautions required.

Storage

Conditions for safe storage, including any incompatibilities

Keep tightly sealed in original packing.

Storage stability

Protect from frost.

Keep at temperatures of between 5 °C and 30 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Remarks None known

Personal protective equipment

Hand protection

protective gloves

Eye protection

Safety glasses with side-shields

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

Protective measures

If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used.

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9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	liquid
Colour	milky-white
Odour	odourless

Information on basic physical and chemical properties

pH	9 - 10	Medium: Product
Freezing point	ca. 0 °C	
Boiling point/range	ca. 100 °C (1013 mbar)	
Vapour pressure	ca. 20 hPa (20 °C)	
Density	1.1 - 1.4 g/cm3	(20 °C)
Viscosity, dynamic	< 20 mPa.s	(20 °C)

Further information

Miscibility in water	completely miscible
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10. STABILITY AND REACTIVITY

Conditions to avoid	Protect from frost.
Incompatible materials	None known
Hazardous decomposition products	None known
Further information	Keep at temperatures of between 5 °C and 30 °C.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 Rat: > 15000 mg/kg
Skin irritation	Rabbit not irritating
Eye irritation	Rabbit not irritating
Human experience	To date handling this product has not been known to cause any detrimental effects.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish LC0 (Brachydanio rerio): 5000 mg/l

Toxicity to bacteria EC50 Activated sludge: > 10000 mg/l

13. DISPOSAL CONSIDERATIONS

Product

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION

Transport/further information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Other data According to the Dangerous Preparations Directive (1999/45/EG):
no labelling

National legislation

16. OTHER INFORMATION

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

17. Appendix

Material Numbers

Special Liquid: 1350ml - 5325400114 / 5000ml - 5325400514

Universal Liquid: 1350ml - 5325400200

Car. Univ. Liquid: 1000ml - 5325460550

PA2 Liquid: 1000ml - 5525000010

PA3 Liquid: 1000ml - 5525000035

LUKAVest Liquid: 1000ml - 2799

LUKAVest Liquid Premium: 1000ml - 2799P / 5000ml - 2799P/5000

Liquido de Revestimento Mega-Liq - 11-001