

Material Safety Data Sheet according to 1907/2006/EEC, Article 31

Deco Pen Sparkle

Page 1 of 6

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

Trade name

Deco Pen Sparkle

Use of the substance/preparation

Paint to use on glass, glazed oven ware, metal and porcelain.

Manufacturer/Supplier

C. KREUL GmbH & Co. KG

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D-91352 Hallerndorf

Telephone no. +49 (0) 9545 925-0

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Emergency information

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2. HAZARD IDENTIFICATION

Hazard designation

The product is not classified as hazardous according to EEC directives in the latest version. No potential dangers known by us, if used according to the instructions. Do not discharge into the drains/surface waters/groundwater.

Particular information pertaining specific risk for human and environment

None, if handled according order.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical characterization

Aqueous acrylic copolymer dispersion with pigments.

Hazardous components

2-Propanol

Concentration: < 2,5 %

Symbol: F, Xi

CAS no.: 67-63-0

R: 11-36-67

Aluminium powder (stabilised)

Concentration: < 2,5 %

Symbol: F

CAS no.: 7429-90-5

R: 11-15

Full text of R-phrases see section 16.

Material Safety Data Sheet according to 1907/2006/EEC, Article 31

Deco Pen Sparkle

Page 2 of 6

4. FIRST AID MEASURES

General

No special measures required. In case of persistent symptoms consult doctor. Symptoms see part 11.

After inhalation

Supply fresh air; consult doctor in case of symptoms.

After skin contact

Remove contaminated clothing. Wash away with soap, water and rinse. Do NOT use solvents or thinners.

After eye contact

Remove contact lens. Irrigate copiously with clean, fresh water for at least 10 - 15 minutes, holding the eyelids apart and if symptoms persist, seek medical advice.

After ingestion

Drink large amounts of water. In case of persistent symptoms consult doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media – suitable

Extinguishing powder, water spray, and carbon dioxide. Adapt extinguishing measures to suit the environment. Not to be used: water-jet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. When product exposed to high temperatures it may produce hazardous decomposition products such as carbon monoxide and carbon dioxide, smoke and other hazards components.

Special protective equipment

When extinguishing fires, use breathing apparatus with an independent source of air.

Additional information

Do not allow the quenching water into the sewage system. Dispose fire debris and contaminated fire fighting water in accordance with official regulations. See part 3, 8 and 10.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Forms slippery/greasy layers with water. Refer to protective measures listed in section 7 and 8.

Environmental precautions

Do not empty into drains or watercourses. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid use of solvents. Further instructions see part 4, 10 and 13.

7. HANDLING AND STORAGE

Handling

Information for safe handling

No special measures necessary if stored and handled as prescribed. Personal protections see part 8.

Material Safety Data Sheet according to 1907/2006/EEC, Article 31

Deco Pen Sparkle

Page 3 of 6

Information about protection against explosions and fires

No special measures necessary.

Storage

Requirements to be met by storerooms and containers

Storage: cool. Protect from frost. Do not leave vessels/containers open.

Information about separation of incompatible products

None, under normal storage conditions.

Further information about storage conditions

Observe label precautions. Store between 5 and 40 °C in a dry, well-ventilated place away from sources of heat and direct sunlight. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

Storage class (VCI): 12

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Additional information about design of technical facilities

No special risks if handled in accordance with good industrial hygiene practice and any legal requirements.

Components with critical values that require monitoring at the workplace (exposure limits)

2-Propanol

CAS no.: 67-63-0

Specification: AGW

Value: 200 ppm

Aluminium powder (stabilised)

CAS no.: 7429-90-5

Specification: AGW

Value: 4 mg/m³ *

AGW: German occupational exposure limit values. * With reference to the inhalable fraction.

Personal protective equipment

General protective and hygiene measures

Do not eat or drink during work – no smoking. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately.

Respiratory protection

Provide good ventilation when handling large quantities.

Respiratory filter (gas): -

Skin protection

Avoid contact with skin. Use rubber gloves.

Eye protection

Avoid contact with eyes. Use safety glasses.

Body protection

All parts of the body should be washed after contact. Light protective clothing.

Material Safety Data Sheet according to 1907/2006/EEC, Article 31

Deco Pen Sparkle

Page 5 of 6

Additional toxicological information

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

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Details on elimination (persistence/degradability)

67-63-0 2-Propanol	LC _{50, fish}	= 9640 mg/l/96h	*1
	LC _{50, daphnia}	= 1400 mg/l/48h	*2

*1 Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows (*Pimephales promelas*), Vol. 1. Center for Lake Superior Environmental Stud., Univ.of Wisconsin-Superior, Superior, WI :414

*2 Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118

There are no data available on the preparation itself. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. The product does not special risks on environment if used in accordance with good industrial hygiene practice and any legal requirements. Water pollution classification: see part 15.

13. DISPOSAL CONSIDERATIONS

Product

Recommendation

Do not empty into waters or drains. Disposal in accordance with local official regulations.

EWC no.: 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Contaminated packaging

Recommendation

Contaminated packaging should be emptied as far as possible and after appropriate cleansing, may be taken for reuse. Packaging that cannot be cleaned should be disposed in the same manner as the medium.

EWC no.: 15 01 02 packing from plastic

14. TRANSPORT INFORMATION

Land transport ADR/RID Not classified as hazardous.

Class: - Kemler-Code: -

Packaging group: - Label: -

Classification-Code: - Limit: -

UN no.: - Proper shipping name: -

Maritime transport IMDG/GGVSea Not classified as hazardous.

IMDG-Class: - IMDG-Page: -

Packaging group: - Label: -

Marine pollutant: - Limit: -

UN no.: - Proper shipping name: -

Material Safety Data Sheet according to 1907/2006/EEC, Article 31

Deco Pen Sparkle

Page 6 of 6

Air transport ICAO/IATA	Not classified as hazardous.
IATA-Class: -	IATA-Page: -
Packaging group: -	Label: -
UN no.: -	Proper shipping name: -

Remarks: -

15. REGULATORY INFORMATION

Classification according to EEC directives

Danger symbol and danger designation

The product is not classified as hazardous according to EEC directives and the Ordinance on Hazardous Materials (GefStoffV).

Risk-phrases -

Safety-phrases -

Additional information -

National regulations

Regulation on inflammable liquids	-	
Emission control act ("TA-Luft")	-	
Water pollution classification	WGK 2	(self-assessment)
Volatile organic compounds (VOC's)	< 3 %	(Swiss)

Other regulations

Please check local regulations.

16. OTHER INFORMATION

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Full text of R-phrases appearing in section 3:

- 10 Flammable.
- 11 Highly flammable.
- 15 Contact with water liberates extremely flammable gases.
- 36 Irritating to eyes.
- 67 Vapours may cause drowsiness and dizziness.

The last version was all changed and revised completely. Alterations to the previous edition are marked in the right-hand margin.

The data is based on our present knowledge. The data correspond to the national and EEC legislation. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

It is not permitted to use the product for any other application mentioned in chapter 1 except with a written permission. The user is responsible for the compliance with all valid legal regulation.

This safety data sheet is only valid for Deco Pen Sparkle. It's not valid for other products placed in the according sales displays or sets.

Department issuing safety data sheet: Laboratory, Mrs. Dipl.-Ing. Treiber.