

Date of issue: 09.05.2018 Replaces Data Sheet of: ---
 "*/" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**
Trade Name: Kosmos Stamp Pad Ink, blue
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.av.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: stamp colour
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 Pelikan Vertriebsgesellschaft mbH & Co. KG, Werftstraße 9, D- 30163 Hannover
 Telephone: +49-511-6969-0, Telefax: +49-511-6969-212, E-Mail: info@pelikan.com
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +49-361-730730 (8:30 – 16:30) Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 n.ap.
- 2.2 **Label elements**
 Classification according to 1272/2008/EC:
 Applicable Exemptions:
 Signal word(s): Hazard pictogram(s):
 Component(s):

H - Phrases:

P - Phrases:

 Additional Markings:

 The above mentioned labelling is valid for distribution to .
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

- 3.1 **Substances**
 n.ap.
 - 3.2 **Mixtures**
Chemical Characterisation:
 This product does not contain any substances which are classified as dangerous or the concentration lies below the limit laid down by the law.
Dangerous Ingredients:
- | Material | Index - No. | EC - No. | REACH - No. | m% - range |
|------------------------------|-------------|----------|-------------|------------|
| CAS - No. | | | | |
| Hazard Code(s) / H - phrases | | | | |
| | | | | |
- Text of H - phrases: see section 16
 m% - range: x – y $\hat{=}$ x \geq – < y

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SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**
After inhalation of product / fumes of fire leave contaminated area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.
- 4.1.2 **Skin Contact:**
In case of contact with skin wash off immediately with soap and water In the event of symptoms occurring, seek medical treatment.
- 4.1.3 **Eye Contact:**
Flush eyes out immediately with large amounts of water with eye lids lifted. Get medical treatment.
- 4.1.4 **Ingestion:**
Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. In the event of symptoms occurring, seek medical treatment.
- 4.2 **Most important symptoms and effects, both acute and delayed**
None.
- 4.3 **Indication of any immediate medical attention and special treatment needed**
Symptomatic treatment.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**
water spray jet Foam, dry chemicals, CO2.
- 5.1.2 **Extinguishing Media to Avoid:**
Water hose stream.
- 5.2 **Special hazards arising from the substance or mixture**
In the case of fire, the following product(s) may form: Organic crackproducts and carbon oxides., inorganic dust
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**
None.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Provide sufficient ventilation.
- 6.2 **Environmental precautions**
Do not allow larger quantities to enter drainage. Soak up with absorbent material. Inform responsible authorities in the case of accidental release of larger quantities.
- 6.3 **Methods and material for containment and cleaning up**
Prevent risk of slipping by covering with mineral dispersion material.
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
Avoid contact with skin. When using do not eat, drink or smoke. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
No special measures necessary
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
No special measures required.
- 7.2.2 **Store away from:**
Store away from oxidising agents.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection

8.1	Control parameters	
	Material	Limit Value
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	
	Keep container tightly closed. No special measures necessary if used correctly.	
8.2.2	Individual protection measures	
8.2.2a	Respiratory Protection:	If ventilation is insufficient, wear respiratory protection
8.2.2b	Hand Protection:	Synthetic rubber gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
8.2.2c	Eye Protection:	Goggles
8.2.2d	Skin Protection:	Light protective clothing
8.2.2e	Further Information:	Observe wearing time limits: Not relevant
8.2.3	Environmental exposure controls:	n.av.

SECTION 9: Physical and chemical properties

9.1	Information on basic physical and chemical properties		
9.1.1	Form: liquid	Colour: blue	Odour: slight
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	2 – 5	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	100 – 250, Melting point / Melting range (°C):	n.av.
9.1.4	Flash point (°C):	n.ap., closed cup	
9.1.5	Flammability (EEC A10/A13):	n.ap.	
9.1.6	Ignition temperature (°C):	n.ap.	
9.1.7	Autoflammability (EEC A16):	n.av.	
9.1.8	Oxidising properties:	n.av.	
9.1.9	Explosion hazard:	n.av.	
9.1.10	Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	1,1	
9.1.13	Solubility (in Water):	soluble	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	3 – 5 mm ² /s	
9.1.16	Solvent content (m %):	n.av.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information		
	n.av.		

SECTION 10: Stability and reactivity

10.1	Reactivity
	None.
10.2	Chemical stability
	Stable at normal temperature.
10.3	Possibility of hazardous reactions
	No hazardous reactions known.
10.4	Conditions to avoid
	Store in cool and dry place.
10.5	Incompatible materials
	Reactions with strong oxidising agents.
10.6	Hazardous decomposition products
	No dangerous decomposition products when properly handled.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: May cause skin irritation in susceptible persons.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: None.

Germ cell mutagenicity: None.

Carcinogenicity: None.

Reproductive toxicity: None.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

12.2 Persistence and degradability

n.av.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: n.ap.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 20 01 28

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.1.2 Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

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SECTION 14: Transport information

	ADR	IMDG	IATA
	No dangerous goods according to ADR	No dangerous goods according to IMDG	No dangerous goods according to IATA-DGR
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
n.ap.

SECTION 16: Other information**Text of H phases mentioned in Section 3**

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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Receipt of Data: 10.04.2018, plk_0262

