Page 1 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

Product identifier

Arti-Spot Frühkontaktindikator BK 85

Use of the substance/mixture

Indicator solution Paint

Relevant identified uses of the substance or mixture:

No information available at present. Uses advised against:

No information available at present.

Details of the supplier of the safety data sheet

Dr. Jean Bausch KG, Öskar-Schindler-Str. 4, D-50769 Köln Telephone +49 (0)221-70936-0, Fax +49 (0)221-70936-66 info@BauschDental.de, http://BauschDental.de

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.: +49 30 / 19240 Berlin **Telephone number of the company in case of emergencies:** Tel.: ---

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class	Hazard category	Hazard statement
Flam. Liq.	1	H224-Extremely flammable liquid and vapour.
Eye Irrit.	2	H319-Causes serious eye irritation.
STOT SE	3	H336-May cause drowsiness or dizziness.

2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).

F+, Extremely flammable, R12 R19 Xi, Irritant, R36 R66 R67

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

Page 2 of 13

(GB)

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85



Danger

Hazard statement

H224-Extremely flammable liquid and vapour. H319-Causes serious eye irritation. H336-May cause drowsiness or dizziness. **Prevention**

P210-Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233-Keep container tightly closed. P261-Avoid breathing vapour or spray. P280-Wear protective gloves/clothing and eye/face protection.

Response

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313-If eye irritation persists: Get medical advice/attention. Storage

P403+P235-Store in a well-ventilated place. Keep cool.

EUH019-May form explosive peroxides. EUH066-Repeated exposure may cause skin dryness or cracking.

Ethyl acetate diethyl ether

2.3 Other hazards

The mixture contains no vPvB substance (vPvB = very persistent, very bioaccumulative). The mixture contains no PBT substance (PBT = persistent, bioaccumulative, toxic).

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a. 3.2 Mixture

Ethyl acetate		
Registration number (ECHA)	-	
Index	607-022-00-5	
EINECS, ELINCS	205-500-4	
content %	20-30	
Symbol	F/Xi	
R-phrases	11-36-66-67	
Classification categories / Indications of danger	Highly flammable, Irritant	
Hazard class/Hazard category	Hazard statement	
Flam. Liq./2	H225	
Eye Irrit./2	H319	
STOT SE/3	H336	

diethyl ether	Substance for which an EU exposure limit value applies.
Registration number (ECHA)	-
Index	603-022-00-4
EINECS, ELINCS	200-467-2
content %	10-<25
Symbol	F+/Xn
R-phrases	12-19-22-66-67
Classification categories / Indications of danger	Extremely flammable, Harmful
Hazard class/Hazard category	Hazard statement
Flam. Liq./1	H224
Acute Tox./4	H302
STOT SE/3	H336

Page 3 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Never pour anything into the mouth of an unconscious person!

Inhalation

GB

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Unsuitable cleaning product: Solvent Thinners

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately. Danger of aspiration

4.2 Most important symptoms and effects, both acute and delayed

Where relevant delayed occuring symptomes and effects will be found in section 11. or at the exposure routes under section 4.1. After resorption:

drowsiness Dizziness Euphoria annoyance Cramps Narcotic effect.

4.3 Indication of any immediate medical attention and special treatment needed

n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO2 Extinction powder Water jet spray Alcohol resistant foam

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop: Oxides of carbon Toxic pyrolysis products. Explosive vapour/air mixture Dangerous vapours heavier than air.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Page 4 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13. Use no flammable substances.

Fill the absorbed material into lockable containers.

Keep moist.

Do not let the solution dry up.

Flush residue using copious water.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

Avoid inhalation of the vapours.

Ensure good ventilation.

Keep away from sources of ignition - Do not smoke.

Take measures against electrostatic charging, if appropriate.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Do not store with flammable or self-igniting materials.

Store in a well-ventilated place.

Protect from direct sunlight and warming. Store at room temperature.

Do not store over 30°C.

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Chemical Name	Ethyl acetate				Content %:20- 30
WEL-TWA: 200 ppm		WEL-STEL:	400 ppm		
BMGV:				Other information:	
⁽³⁸⁾ Chemical Name	diethyl ether				Content %:10- <25
WEL-TWA: 100 ppm (310 mg/n	n3) (WEL), 100			mg/m3) (WEL), 200	
ppm (308 mg/m3) (EC)		ppm (616 mg/	/m3) (EC)		
BMGV:				Other information:	
Chemical Name	Ethanol				Content %:
WEL-TWA: 1000 ppm (1920 m	g/m3)	WEL-STEL:			
BMGV:				Other information:	

Page 5 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

Chemical Name	Titanium dioxide			Content %:
WEL-TWA: 10 mg/m3 (total inh	alable dust), 4	WEL-STEL:		
mg/m3 (respirable dust)				
BMGV:			Other information: -	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-terme exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls 8.2.1 Appropriate engineering controls

GB

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Solvent resistant protective gloves (EN 374). If applicable Safety gloves made of butyl (EN 374) Protective Neopren gloves (EN 374). Protective nitrile gloves (EN 374) Protective hand cream recommended.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection: Normally not necessary. If OES or MEL is exceeded. Gas mask filter A (EN 14387), code colour brown Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Physical state: Liquid Colour: White Page 6 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

Odour:

GB

Odour threshold: pH-value: Melting point/freezing point: Initial boiling point and boiling range: Flash point: Evaporation rate: Flammability (solid, gas): Lower explosive limit: Upper explosive limit: Vapour pressure: Vapour density (air = 1): Density: Bulk density: Solubility(ies): Water solubility: Partition coefficient (n-octanol/water): Auto-ignition temperature: Decomposition temperature: Viscosity: Explosive properties: Oxidising properties: 9.2 Other information

Miscibility: Fat solubility / solvent: Conductivity: Surface tension: Solvents content:

Alcoholic, Characteristic Not determined Not determined Not determined Not determined <0 °C Not determined 200 °C (Ignition temperature) 2,1 Vol-% 13,5 Vol-% Not determined Not determined 0,902 g/cm3 (20°C) Not determined Not determined Insoluble Not determined Not determined Not determined Not determined Not determined Not determined

Not determined Not determined Not determined Not determined Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

See also Subsection 10.4 to 10.6. Can form explosive peroxides.

10.2 Chemical stability

See also Subsection 10.4 to 10.6. Explosive when dry.

10.3 Possibility of hazardous reactions

See also Subsection 10.4 to 10.6. Possible build up of explosive/highly flammable vapour/air mixture.

10.4 Conditions to avoid See also section 7.

Heating, open flame, ignition sources Electrostatic charge Protect from direct sunlight. Product is light sensitive.

10.5 Incompatible materials

Avoid contact with strong oxidizing agents. Avoid contact with strong acids. Alkali metals

10.6 Hazardous decomposition products

See also Subsection 10.4 to 10.6. No decomposition when used as directed.

SECTION 11: Toxicological information

The product was not tested.

Classification according to calculation procedure

Toxicity/effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral route:	ATE	>5000	mg/kg			calculated value
Acute toxicity, by dermal						n.d.a.
route:						

Page 7 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

œ

Acute toxicity, by inhalation:	 n.d.a.
Skin corrosion/irritation:	 n.d.a.
Serious eye	 n.d.a.
damage/irritation:	
Respiratory or skin	 n.d.a.
sensitisation:	
Germ cell mutagenicity:	 n.d.a.
Carcinogenicity:	 n.d.a.
Reproductive toxicity:	 n.d.a.
Specific target organ toxicity -	 n.d.a.
single exposure (STOT-SE):	
Specific target organ toxicity -	 n.d.a.
repeated exposure (STOT-	
RE):	
Aspiration hazard:	 n.d.a.
Respiratory tract irritation:	 n.d.a.
Repeated dose toxicity:	 n.d.a.
Symptoms:	 annoyance, cramps,
	drowsiness, dizziness

Toxicity/effect	Endpoi nt	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	5620	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>18000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC50	56	mg/l/4h	Rat		
Skin corrosion/irritation:			Ŭ			n.d.a.
Serious eye						n.d.a.
damage/irritation:						
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity -						n.d.a.
single exposure (STOT-SE):						
Specific target organ toxicity -						n.d.a.
repeated exposure (STOT- RE):						
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.
Symptoms:						lack of appetite, breathing difficulties, dizziness, unconsciousness, drop in blood pressure, cornea opacity, coughing, headaches, gastrointestinal disturbances, intoxication, drowsiness, mucous membrane irritation, dizziness, salivation, nausea and vomiting.

Toxicity/effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral route:	LD50	1215	mg/kg	Rat		
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:	LC50	73000	ppm	Rat		
Skin corrosion/irritation:		10000				Not irritant

Page 8 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

œ

Serious eye damage/irritation:		Mild irritant
Respiratory or skin sensitisation:		Not sensitizising
Germ cell mutagenicity:	 OECD 471 (Bacterial Reverse Mutation Test)	Negative
Carcinogenicity:		n.d.a.
Reproductive toxicity:		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):		n.d.a.
Specific target organ toxicity - repeated exposure (STOT- RE):		n.d.a.
Aspiration hazard:		n.d.a.
Respiratory tract irritation:		n.d.a.
Repeated dose toxicity:		n.d.a.
Symptoms:		acidosis, ataxia, dizziness, unconsciousness, increased blood pressure, cornea opacity, collapse, headaches, intoxication, drowsiness, mucous membrane irritation, dizziness, salivation, nausea and vomiting.

Toxicity/effect	Endpoi nt	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>8000	mg/l/4h	Rat		
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Mild irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Not sensitizising
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Carcinogenicity:						Negative
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT- RE):						n.d.a.
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.

œ

Symptoms:		respiratory distress,
		dizziness,
		unconsciousness, drop
		in blood pressure,
		vomiting, coughing,
		headaches,
		intoxication,
		drowsiness, mucous
		membrane irritation,
		dizziness, nausea
Teratogenicity:		Negative
Experiences in humans:		There is no sign that
		this syndrome is also
		caused by dermal or
		inhalative absorption.,
		Excessive alcohol
		consumption during
		pregnancy induces the
		foetus alcohol
		syndrome (reduced
		weight at birth, physical
		and mental disorders).

Titanium dioxide							
Toxicity/effect	Endpoi	Value	Unit	Organism	Test method	Notes	
	nt						
Acute toxicity, by oral route:	LD50	>10000	mg/kg	Rat			
Acute toxicity, by dermal	LD50	>10000	mg/kg	Rabbit			
route:				_			
Acute toxicity, by inhalation:	LD50	>6,8	mg/l/4h	Rat			
Skin corrosion/irritation:				Rabbit		Not irritant	
Serious eye						n.d.a.	
damage/irritation:							
Respiratory or skin						Not sensitizising	
sensitisation:							
Germ cell mutagenicity:						n.d.a.	
Carcinogenicity:						n.d.a.	
Reproductive toxicity:						n.d.a.	
Specific target organ toxicity -						n.d.a.	
single exposure (STOT-SE):							
Specific target organ toxicity -						n.d.a.	
repeated exposure (STOT-							
RÉ):							
Aspiration hazard:						n.d.a.	
Respiratory tract irritation:						n.d.a.	
Repeated dose toxicity:						n.d.a.	
Symptoms:						mucous membrane	
						irritation	

SECTION 12: Ecological information

Arti-Spot Frühkontaktindikator BK 85							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and							n.d.a.
degradability:							
Bioaccumulative							n.d.a.
potential:							
Mobility in soil:							n.d.a.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.

Page 10 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

œ

Ethyl acetate							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>200	mg/l			
Toxicity to daphnia:	EC50	48h	>700	mg/l			
Toxicity to algae:	IC50	48h	3300	mg/l	(Scenedesmus subspicatus)		
Persistence and degradability:		28d	93,9	%		OECD 301 B (Ready Biodegradability - Co2 Evolution Test)	
Persistence and degradability:		28d	100	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	2600	mg/l	(Pimephales promelas)		
Toxicity to daphnia:	EC50	24h	165	mg/l	(Daphnia magna)		
Toxicity to algae:							n.d.a.
Persistence and							Not readily
degradability:							biodegradable
Bioaccumulative							Not to be expected
potential:							
Mobility in soil:							n.d.a.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.
Toxicity to bacteria:	EC50	15min	5600	mg/l	(Photobacterium phosphoreum)		

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	15,3	mg/l	(Pimephales promelas)	IUCLID Chem. Data Sheet (ESIS)	
Toxicity to daphnia:	EC50	48h	9268- 14221	mg/l	(Daphnia magna)		
Toxicity to algae:							n.d.a.
Persistence and degradability:			94	%		OECD 301 E (Ready Biodegradability - Modified OECD Screening Test)	
Persistence and degradability:	BOD/COD		90	%			References
Persistence and degradability:	BOD5		930- 1670	mg/g			References
Bioaccumulative potential:	BCF		0,66	mg/l			
Bioaccumulative potential:	Log Pow		-0,32				
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

Page 11 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

Other ecotoxicological	ThOD	2,1	g/g		
data:					
Other ecotoxicological	COD	1,99	g/g		
data:					
Other ecotoxicological	BOD	0,93-	g/g		
data:		1,67			

Titanium dioxide							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC0	48h	>1000	mg/l	(Leuciscus idus)		
Toxicity to daphnia:	LC0	30d	>3	mg/l	(Daphnia magna)		
Toxicity to algae:							n.d.a.
Persistence and							Not readily
degradability:							biodegradable
Bioaccumulative							No
potential:							
Mobility in soil:							n.d.a.
Results of PBT and							n.d.a.
vPvB assessment							
Other adverse effects:							n.d.a.
Toxicity to bacteria:	LC0	24h	>1000	mg/l	(Pseudomonas		
			0		fluorescens)		
Toxicity to bacteria:			>5000	mg/l	(Escherichia coli)		
Toxicity to bacteria:			>5000	mg/l	(Pseudomonas		
					fluorescens)		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no .:

GB

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC) 07 03 04 other organic solvents, washing liquids and mother liquors

18 01 06 chemicals consisting of or containing dangerous substances

Recommendation:

Pay attention to local and national official regulations E.g. suitable incineration plant.

For contaminated packing material

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

15 01 04 metallic packaging

SECTION 14: Transport information

General statements	
UN number:	1263
Transport by road/by rail (ADR/RID)	
UN proper shipping name:	
UN 1263 PAINT	•
Transport hazard class(es):	3
Packing group:	
Classification code:	F1
LQ (ADR 2011):	500 ml
LQ (ADR 2009):	3
Environmental hazards:	Not applicable
Tunnel restriction code:	D/E
Transport by sea (IMDG-code)	
UN proper shipping name:	

(B)	
Page 12 of 13	
Safety data sheet according to Regulation (EC) No 1907/2006, An Revised on / Version: 07.02.2011 / 0001	nex II
Replaces revision of / Version: 07.02.2011 / 0001	
Valid from: 07.02.2011	
PDF print date: 10.02.2011	
Arti-Spot Frühkontaktindikator BK 85	
PAINT	
Transport hazard class(es):	3
Packing group:	
EmS: Marine Pollutant:	F-E, S-E n.a
Environmental hazards:	Not applicable
Transport by air (IATA)	
UN proper shipping name: Paint	•
Transport hazard class(es):	3
Packing group:	
Environmental hazards:	Not applicable
Special precautions for user Persons employed in transporting dangerous goods must be trained	ad
All persons involved in transporting must observe safety regulation	
Precautions must be taken to prevent damage.	
Transport in bulk according to Annex II of MARP	
Freighted as packaged goods rather than in bulk, therefore not ap	plicable.
Additional information:	
Danger code and packing code on request.	
SECTION 15: Reg	ulatory information
	s/legislation specific for the substance or mixture
For classification and labelling see Section 2.	Vee
Observe restrictions: Observe youth employment law (German regulation).	Yes
Regulation (EC) No 1907/2006, Annex XVII.	
VOC (1999/13/EC):	~ 77,35% w/w
15.2 Chemical safety assessment	
No information available at present.	
SECTION 16: O	ther information
These details refer to the product as it is delivered. Revised sections:	n n
The following statements are the indicated R-phrases / H-phrases	n.a. and classification codes (GHS/CLP) for the ingredients (listed in
Section 3).	
11 Highly flammable.	
12 Extremely flammable. 19 May from explosive peroxides.	
22 Harmful if swallowed.	
36 Irritating to eyes.	
66 Repeated exposure may cause skin dryness or cracking.	
67 Vapours may cause drowsiness and dizziness. H224 Extremely flammable liquid and vapour.	
H225 Highly flammable liquid and vapour.	
H302 Harmful if swallowed.	
H319 Causes serious eye irritation.	
H336 May cause drowsiness or dizziness.	
Flam. LiqFlammable liquid	
Eye IrritEye irritation	
STOT SE-Specific target organ toxicity - single exposure - narcotic	c effects
Acute ToxAcute toxicity - oral	
Leg	end:
n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.	
WEL = Workplace Exposure Limit EH40, TWA = Long-term expos period), STEL = Short-terme exposure limit (15-minute reference p	

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany) VbF = Regulations for flammable liquids (Austria) VOC = Volatile organic compounds

Page 13 of 13 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 07.02.2011 / 0001 Replaces revision of / Version: 07.02.2011 / 0001 Valid from: 07.02.2011 PDF print date: 10.02.2011 Arti-Spot Frühkontaktindikator BK 85

AOX = Adsorbable organic halogen compounds ATE = Acute Toxicity Estimates according to Regulation (EC) 1272/2008 (CLP)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

GB

These statements were made by: Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.