

according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 1 of 13

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

1.1. Product identifier

DEKA-SPACHTEL

84MR-R4GV-5004-T6GS

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Bodyfiller/stopper

1.3. Details of the supplier of the safety data sheet

Company name: DINOL GmbH Street: Pyrmonter Strasse 76 Place: **D-32676** Lueade

+ 49 (0) 5281 982980 Telephone: Telefax: + 49 (0) 5281 9829860

e-mail: msds@dinol.com

Contact person: Labor

Responsible Department: msds@dinol.com

1.4. Emergency telephone Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Hazard categories:

Flammable liquid: Flam. Liq. 3 Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Reproductive toxicity: Repr. 2

Specific target organ toxicity - repeated exposure: STOT RE 1 Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

Causes serious eye irritation.

Suspected of damaging the unborn child.

Causes damage to organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

styrene

Danger Signal word:

Pictograms:







Hazard statements

H226 Flammable liquid and vapour. H315 Causes skin irritation. Causes serious eye irritation.

H319



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 2 of 13

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P260 Do not breathe vapour/aerosol.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

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

Special labelling of certain mixtures

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
100-42-5	styrene			10 - < 15 %
	202-851-5	601-026-00-0		
		Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, 32 H315 H319 H335 H372 H304 H4	•	
13463-67-7	Titanium dioxide			1 - < 5 %
	236-675-5		01-2119489379-17	
	Carc. 2; H351			
7727-43-7	Barium sulfate			1 - < 5 %
	231-784-4		01-2119491274-35	
14808-60-7	Silicon dioxide			< 0.1 %
	238-878-4			
	STOT RE 1; H372	•	•	
130-15-4	1,4-Naphthoquinone			< 0.1 %
	204-977-6			
	Acute Tox. 3, Acute Tox. 3, Skin Corr. 1C, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H311 H301 H314 H319 H317 H335 H400 H410			

Full text of H and EUH statements: see section 16.

Print date: 23.08.2021



Safety Data Sheet

according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 3 of 13

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc.	Limits, M-factors and ATE		
100-42-5	202-851-5	styrene	10 - < 15 %	
	inhalation: LC5 2650 mg/kg	50 = 12 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 =		
13463-67-7	236-675-5	Titanium dioxide	1 - < 5 %	
	inhalation: LC50 = > 6,8 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg			
7727-43-7	231-784-4	Barium sulfate	1 - < 5 %	
	oral: LD50 = >	5000 mg/kg		
130-15-4	204-977-6	1,4-Naphthoquinone	< 0.1 %	
	inhalation: LC5 M akut; H400: I M chron.; H410			

Further Information

The homogeneous mixing of this product is controlled by continuous physical tests. Formerly dusty raw materials are completely integrated into the liquid/pasty mass. Possible AGW-values for solid substances are therefore not given, as there is no longer any risk of inhalation of these substances (when handling this mixture).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

After inhalation

Provide fresh air. In case of irregular breathing or respiratory arrest provide artificial respiration.

If unconscious place in recovery position and seek medical advice.

In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a physician immediately. Put victim at rest, cover with a blanket and keep warm.

4.2. Most important symptoms and effects, both acute and delayed

Nausea, Drowsiness, Headache.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder, Water fog.

Unsuitable extinguishing media

Full water jet



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 4 of 13

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products: Danger of serious damage to health by prolonged exposure.

Do not inhale explosion and combustion gases. Use appropriate respiratory protection.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Provide adequate ventilation.

Wear personal protection equipment.

Avoid contact with skin, eyes and clothes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs.

When using do not eat or drink.

Wash hands before breaks and after work.

Avoid contact with skin and eyes.

Remove contaminated, saturated clothing immediately.

Do not breathe gas/vapour/aerosol.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Material, rich in oxygen, oxidizing.



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 5 of 13

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place. Keep container dry. Protect against direct sunlight.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7727-43-7	Barium sulphate, inhalable dust	-	10		TWA (8 h)	WEL
100-42-5	Styrene	100	430		TWA (8 h)	WEL
		250	1080		STEL (15 min)	WEL
14807-96-6	Talc respirable dust	-	1		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
100-42-5	styrene			
Worker DNEL,	, acute	inhalation	local	289 mg/m³
Worker DNEL,	, long-term	inhalation	systemic	306 mg/m³
Worker DNEL,	, long-term	inhalation	local	85 mg/m³
Worker DNEL,	, long-term	dermal	local	406 mg/person/day
Consumer DN	EL, acute	inhalation	local	182,75 mg/m³
Consumer DN	EL, acute	inhalation	systemic	174,25 mg/m³
Consumer DN	EL, long-term	inhalation	systemic	10,2 mg/m³
Consumer DN	EL, long-term	dermal	systemic	343 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	2,1 mg/kg bw/day
13463-67-7	Titanium dioxide			
Worker DNEL,	long-term	inhalation	local	10 mg/m³
Consumer DN	EL, long-term	oral	systemic	700 mg/kg bw/day
7727-43-7	Barium sulfate			
Worker DNEL, long-term		inhalation	systemic	10 mg/m³
Worker DNEL, long-term		inhalation	local	10 mg/m³
Consumer DN	EL, long-term	inhalation	systemic	10 mg/m³
Consumer DN	EL, long-term	oral	systemic	13000 mg/kg bw/day



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 6 of 13

PNEC values

CAS No	Substance	
Environment	al compartment	Value
100-42-5	styrene	
Freshwater		0,028 mg/l
Marine water	r	0,014 mg/l
Freshwater s	sediment	0,614 mg/kg
Marine sedin	nent	0,307 mg/kg
Micro-organi	sms in sewage treatment plants (STP)	5 mg/l
Soil		0,2 mg/kg
13463-67-7	Titanium dioxide	
Freshwater		0,184 mg/l
Marine water	r	0,0184 mg/l
Freshwater s	sediment	1000 mg/kg
Marine sedin	nent	100 mg/kg
Micro-organi	sms in sewage treatment plants (STP)	100 mg/l
Soil		100 mg/kg
7727-43-7	Barium sulfate	
Freshwater		0,115 mg/l
Freshwater s	sediment	600,4 mg/kg
Micro-organi	sms in sewage treatment plants (STP)	62,2 mg/l
Soil		207,7 mg/kg

8.2. Exposure controls







Individual protection measures, such as personal protective equipment

Eye/face protection

Eye glasses with side protection (DIN EN 166)

Hand protection

Tested protective gloves must be worn (EN ISO 374):

FKM (fluoro rubber), Breakthrough time (maximum wearing time): 480 min.

NBR (Nitrile rubber), Breakthrough time (maximum wearing time): 30 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

Skin protection

Wear anti-static footwear and clothing

Respiratory protection

Work in well-ventilated zones or use proper respiratory protection. gas filtering equipment (EN 141)., Filter material/medium: A

Print date: 23.08.2021



Safety Data Sheet

according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 7 of 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste Colour: yellow -

Colour: yellow - brown
Odour: characteristic

Test method

Changes in the physical state

Melting point/freezing point:

Boiling point or initial boiling point and

140 °C

boiling range:

Flash point: 31 °C DIN 51755

Flammability

Solid/liquid: not applicable
Gas: not applicable

Explosive properties

not determined

Lower explosion limits: 1,2 vol. % Upper explosion limits: 8,9 vol. % Auto-ignition temperature: 480 °C

Self-ignition temperature

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

not determined

pH-Value: not determined Viscosity / dynamic: 110000 mPa·s

(at 20 °C)

Water solubility:

The study does not need to be conducted because the substance is known to be

insoluble in water.

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: 6,7 hPa

(at 20 °C)

Density (at 20 °C): 1,80 g/cm³ ISO 2811

Relative vapour density: not determined

9.2. Other information

Other safety characteristics

Solvent separation test: <3 % (ADR/RID)
Solvent content: 13,40 %
Solid content: 86,60 %
Evaporation rate: not determined

Further Information



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 8 of 13

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

In case of warming: Danger of polymerisation

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
100-42-5	styrene					
	oral	LD50 mg/kg	2650	Rat	GESTIS	
	inhalation (4 h) vapour	LC50	12 mg/l	Rat		
	inhalation aerosol	ATE	1,5 mg/l			
13463-67-7	Titanium dioxide					
	oral	LD50 mg/kg	> 5000	Rat		
	dermal	LD50 mg/kg	> 5000	Rabbit		
	inhalation (4 h) aerosol	LC50 mg/l	> 6,8	Rat		
7727-43-7	Barium sulfate					
	oral	LD50 mg/kg	>5000	Rat		
130-15-4	1,4-Naphthoquinone					
	oral	LD50 mg/kg	190	Rat	GESTIS	
	dermal	LD50 mg/kg	202	Rat		
	inhalation (4 h) aerosol	LC50	46 mg/l	Rat		

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Print date: 23.08.2021



Safety Data Sheet

according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 9 of 13

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of damaging the unborn child. (styrene)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure. (styrene)

Aspiration hazard

Based on available data, the classification criteria are not met.

Further information

There are no data available on the preparation/mixture itself.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity Dose [h] [d] Species Source Method						
130-15-4	1,4-Naphthoquinone						
	Acute algae toxicity	ErC50 0,011 mg/l	72 h alga				

12.2. Persistence and degradability

There are no data available on the mixture itself.

CAS No	Chemical name					
	Method	Value	d	Source		
	Evaluation	•	-			
100-42-5	styrene					
		70,9%	28			
	Readily biodegradable (according to OECD criteria).		-			

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
100-42-5	styrene	2,96
130-15-4	1,4-Naphthoquinone	1,71

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

not applicable

12.7. Other adverse effects

No information available.

Further information

There are no data available on the preparation/mixture itself.

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 10 of 13

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation. Do not mix with other wastes. List of proposed waste codes/waste designations in accordance with EWC:

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products);

waste adhesives and sealants containing organic solvents or other hazardous substances;

hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by

hazardous substances; hazardous waste

Contaminated packaging

Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:UN 186614.2. UN proper shipping name:Resin solution

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Special Provisions: 640E
Limited quantity: 5 L
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Other applicable information (land transport)

E1

No good of class 3 according to ADR/RID chapter 2.2.3.1.5

Inland waterways transport (ADN)

14.1. UN number:UN 186614.2. UN proper shipping name:Resin solution

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Classification code: F1
Limited quantity: 5 L



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 11 of 13

Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number:UN 186614.2. UN proper shipping name:Resin solution

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Marine pollutant: no
Special Provisions: 223, 955
Limited quantity: 5 L
EmS: F-E, S-E

Other applicable information (marine transport)

E1

Transport in accordance with paragraph 2.3.2.5 of the IMDG Code.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:UN 186614.2. UN proper shipping name:Resin solution

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3



Special Provisions: A3
Limited quantity Passenger: 10 L

IATA-packing instructions - Passenger:355IATA-max. quantity - Passenger:60 LIATA-packing instructions - Cargo:366IATA-max. quantity - Cargo:220 L

Other applicable information (air transport)

E1

Passenger-LQ: Y344

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: Flammable liquids

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3



according to UK REACH Regulation

DEKA-SPACHTEL

Revision date: 22.07.2021 Product code: 5330 Page 12 of 13

2004/42/EC (VOC): 13,40 % (< 250 g/l)

Subcategory according to Directive

2004/42/EC:

Bodyfiller/stopper - All types, VOC limit value: 250 g/l

Additional information

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or

nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,14.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Repr. 2; H361d	Calculation method
STOT RE 1; H372	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.



according to UK REACH Regulation

DEKA-SPACHTEL					
Revision date: 22.07.2021	Product code: 5330	Page 13 of 13			
H361d	Suspected of damaging the unborn child.				
H372	Causes damage to organs (hearing organs) through prolonged or repeated exposure if inhaled.				
H372	Causes damage to organs through prolonged or repeated exposure.				
H400	Very toxic to aquatic life.				
H410	Very toxic to aquatic life with long lasting effects.				
H412	Harmful to aquatic life with long lasting effects.				
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.				
Further Information					
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product					

processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety

data sheet.)

named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of