

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 1 / 16

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

1.1 Product identifier

Power Mix Universal 5 minutes black resin
Power Mix Universal 5 minutes transparent resin
Power Mix Universal 15 minutes transparent resin

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

1.2.1 Relevant uses

Resin
Adhesive

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Voelkel Industrie Produkte GmbH
Rudolf-Diesel-Strasse 11
86551 Aichach / GERMANY
Phone +49 (0) 8251 9047 5 0
Fax +49 (0) 8251 9047 5 99
Homepage www.vip-gmbh.com
E-mail info@vip-gmbh.com

Address enquiries to

Technical information info@vip-gmbh.com
Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Skin Irrit. 2: H315 Causes skin irritation.
Skin Sens. 1: H317 May cause an allergic skin reaction.
Eye Dam. 1: H318 Causes serious eye damage.
Repr. 2: H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.




Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 2 / 16

2.2 Label elements

	The product is required to be labelled in accordance with regulation CLP.	
Hazard pictograms		
		
Signal word	DANGER	
Contains:	2-ethyl-2-hydroxymethyl-1,3-propane 2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine) Trimethoxyvinylsilane	
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H412 Harmful to aquatic life with long lasting effects.	
Precautionary statements	P280 Wear protective gloves / protective clothing / eye protection / face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER / doctor. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with local/national regulation.	

2.3 Other hazards

Human health dangers	Contains no ingredients with endocrine-disrupting properties. It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.
Environmental hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Contains no ingredients with endocrine-disrupting properties.
Other hazards	Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
3 - 6	2-ethyl-2-hydroxymethyl-1,3-propane
	CAS: 77-99-6, EINECS/ELINCS: 201-074-9, Reg-No.: 01-2119486799-10-XXXX
	GHS/CLP: Repr. 2: H361fd
3 - < 5	2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine)
	CAS: 6864-37-5, EINECS/ELINCS: 229-962-1, EU-INDEX: 612-110-00-1, Reg-No.: 01-2119497829-12-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 2: H330 - Acute Tox. 3: H311 - Skin Corr. 1A: H314 - STOT RE 2: H373 - Aquatic Chronic 2: H411
1 - 3	Trimethoxyvinylsilane
	CAS: 2768-02-7, EINECS/ELINCS: 220-449-8, EU-INDEX: 014-049-00-0
	GHS/CLP: Skin Sens. 1B: H317

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
 For full text of H-statements: see SECTION 16.

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 3 / 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Remove contaminated soaked clothing immediately and dispose of safely. Remove affected person from danger area, lay down. Place and transport casualty in recovery position.
Inhalation	Remove the victim into fresh air and keep him calm. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor immediately. Shield unaffected eye.
Ingestion	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to your doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide. Dry powder. Water spray jet. Alcohol-resistant foam.
Extinguishing media that must not be used	Full water jet

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Collect contaminated firefighting water separately, must not be discharged into the drains.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Wear suitable protective equipment. For personal protection see SECTION 8.
High risk of slipping due to leakage/spillage of product.

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 4 / 16

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 7+8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Avoid contact with eyes and skin. Use personal protective equipment.

Do not eat, drink or smoke when using this product.
Wash hands before breaks and after work.
Use barrier skin cream.
Contaminated work clothing should not be allowed out of the workplace.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Keep container tightly closed.
Keep container in a well-ventilated place.
Store in a dry place.
Protect from atmospheric moisture and water.

7.3 Specific end use(s)

See product use, SECTION 1.2

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 5 / 16

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

not applicable

DNEL

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
Industrial, dermal, Long-term - systemic effects, 0,06 mg/kg bw/day
Industrial, inhalative, Long-term - local effects, 0,96 mg/m ³
Industrial, inhalative, Long-term - systemic effects, 0,6 mg/m ³
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
Industrial, dermal, Long-term - systemic effects, 0,94 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 3,3 mg/m ³
general population, oral, Long-term - systemic effects, 0,34 mg/kg bw/day
general population, dermal, Long-term - systemic effects, 0,34 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 0,58 mg/m ³

PNEC

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
soil, 4,56 mg/kg soil dw
sediment (seawater), 1,74 mg/kg sediment dw
sediment (freshwater), 17,4 mg/kg sediment dw
sewage treatment plants (STP), 1,6 mg/l
seawater, 0,04 mg/l
freshwater, 0,4 mg/l
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
There are no PNEC values established for the substance.

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 6 / 16

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Tightly fitting goggles. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. ≥ 0,35-0,5 mm, Butyl rubber, >480 min (EN 374-1/-2/-3). ≥ 0,35-0,5 mm, Neoprene, >480 min (EN 374-1/-2/-3). ≥ 0,35-0,5 mm, Nitrile rubber, >480 min (EN 374-1/-2/-3).
Skin protection	Protective clothing (EN 340)
Other	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not inhale vapours. Avoid contact with eyes and skin. It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.
Respiratory protection	Not required under normal conditions. In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	various black colourless clear
Odor	characteristic faintly
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	No information available.
Flash point [°C]	> 150
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm ³]	1,08 (20°C)
Relative density	No information available.
Bulk density [kg/m ³]	not applicable
Solubility in water	immiscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not applicable
Kinematic viscosity	No information available.
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature	> 300
Decomposition temperature [°C]	No information available.
Particle characteristics	not applicable

9.2 Other information

Dynamic viscosity: 1000 mPas (23°C).

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.
Reactions with isocyanates.



Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 8 / 16

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 9 / 16

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg
Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
LD50, oral, Rat, 320-460 mg/kg (IUCLID)
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
LD50, oral, Rat, > 5000 mg/kg
Trimethoxyvinylsilane, CAS: 2768-02-7
LD50, oral, Rat, > 5000 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg
Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
LD50, dermal, Rabbit, 200 - 400 mg/kg (IUCLID)
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
LD50, dermal, Rabbit, > 5000 mg/kg
Trimethoxyvinylsilane, CAS: 2768-02-7
LD50, dermal, Rabbit, 3158 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalativ (mist), > 5 mg/l/4h
ATE-mix, inhalation (vapour), > 20 mg/l/4h
Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
LC50, inhalative, Rat, 0,42 mg/l 4h (IUCLID)
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
LC50, inhalativ (mist), Rat, > 0,85 mg/L/4h, The effects observed are not sufficient for classification.
Trimethoxyvinylsilane, CAS: 2768-02-7
LC50, inhalative, Rat, 16800 mg/m ³ , The effects observed are not sufficient for classification.

Serious eye damage/irritation

Risk of serious damage to eyes.
 Calculation method

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
Rabbit, in vivo, OECD 405, corrosive
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 10 / 16

Rabbit, in vivo, non-irritating
Trimethoxyvinylsilane, CAS: 2768-02-7
no adverse effect observed

Skin corrosion/irritation

Irritant
 Calculation method

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
Rabbit, in vitro, OECD 435, corrosive
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
Rabbit, in vivo, non-irritating
Trimethoxyvinylsilane, CAS: 2768-02-7
no adverse effect observed

Respiratory or skin sensitisation

May cause an allergic skin reaction.
 Calculation method

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
dermal, in vivo (non-LLNA), OECD 406, non-sensitizing
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
mouse, OECD 429, non-sensitizing
Trimethoxyvinylsilane, CAS: 2768-02-7
Guinea pig, in vivo, OECD 406, sensitising

Specific target organ toxicity — single exposure

Based on the available information, the classification criteria are not fulfilled.

Substance
Trimethoxyvinylsilane, CAS: 2768-02-7
inhalative, no adverse effect observed

Specific target organ toxicity — repeated exposure

Based on the available information, the classification criteria are not fulfilled.

Mutagenicity

Based on the available information, the classification criteria are not fulfilled.

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
OECD 473, no adverse effect observed
OECD 471, no adverse effect observed
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
in vitro gene mutation study in bacteria, OECD 471, negativ

Reproduction toxicity

Suspected of damaging the unborn child.
 Suspected of damaging fertility.
 Calculation method

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
NOAEL, oral, Rabbit, 9 mg/kg bw/d (Effect on developmental toxicity)
NOAEL, oral, Rat, 1,5 mg/kg bw/d (Effect on fertility), OECD 443
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 11 / 16

NOAEL, oral, Rat, 225 mg/kg bw/d (Effect on fertility), OECD 443, adverse effect observed

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.
Aspiration hazard Based on the available information, the classification criteria are not fulfilled.
General remarks Toxicological data of complete product are not available.

11.2 Information on other hazards

Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine), CAS: 6864-37-5
LC50, (96h), Leuciscus idus, 31,6 mg/l (DIN 38412 Part 15, static)
EC50, (72h), Scenedesmus subspicatus, 6,1 mg/l (growth rate) (OECD Guideline 201)
EC50, (72h), Scenedesmus subspicatus, > 5 mg/l (DIN 38412 Part 9)
EC50, (48h), Daphnia magna, 4,6 mg/l (OECD Guideline 202, part 1)
EC10, (72h), Scenedesmus subspicatus, 1,25 mg/l (DIN 38412 Part 9)
2-ethyl-2-hydroxymethyl-1,3-propane, CAS: 77-99-6
LC50, (96h), Alburnus alburnus: > 1000 mg/l
EC50, (48h), Daphnia magna, 13000 mg/l
NOEC, (21d), Daphnia magna, > 1000 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments No information available.
Behaviour in sewage plant No information available.
Biological degradability CAS 6864-37-5: The product is not readily biodegradable.
CAS 2768-02-7: The product is readily biodegradable.
CAS 77-99-6: The product is not readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

The product is insoluble in water.

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 12 / 16

12.7 Other adverse effects

Ecological data of complete product are not available.
Do not discharge product unmonitored into the environment or into the drainage.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
For recycling, consult manufacturer.

Waste no. (recommended) 080409*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 13 / 16

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 14 / 16

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for young people. Annex XVII of the REACH Regulation, restriction 3.
- VOC (2010/75/CE)	0 %

15.2 Chemical safety assessment

For the following substances of this preparation a chemical safety assessment has been carried out:
CAS 6864-37-5

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H373 May cause damage to organs through prolonged or repeated exposure.
H314 Causes severe skin burns and eye damage.
H311 Toxic in contact with skin.
H330 Fatal if inhaled.
H302 Harmful if swallowed.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

Power Mix Resin (Polyol) slow curing

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV@TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
Repr. 2: H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Safety Data Sheet (UK REACH) (GB)
Power Mix Resin (Polyol) slow curing

Date printed 24.11.2021, Revision 24.11.2021

Version 03. Supersedes version: 02

Page 16 / 16

Modified position

SECTION 2 been added: exclamation mark

SECTION 2 been added: H317 May cause an allergic skin reaction.

SECTION 2 been added: P333+P313 If skin irritation or rash occurs: Get medical advice / attention.

SECTION 2 been added: P362+P364 Take off contaminated clothing and wash it before reuse.

SECTION 2 been added: It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 2 been added: Skin Sens. 1

SECTION 4 been added: Shield unaffected eye.

SECTION 5 been added: Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 7 been added: Contaminated work clothing should not be allowed out of the workplace.

SECTION 8 been added: It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.

SECTION 10 been added: Reactions with isocyanates.

SECTION 11 deleted: Based on the available information, the classification criteria are not fulfilled.

SECTION 11 been added: May cause an allergic skin reaction.

SECTION 11 been added: Calculation method

SECTION 11 been added: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12 been added: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 16 been added: Calculation method

Copyright: Chemiebüro®

