

**Safety Data Sheet**

according to UK REACH Regulation

**PUR-Acryl Glatlack 2200**

Revision date: 13.03.2025

Product code: 7220

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

PUR-Acryl Glatlack 2200

UFI:

WV06-29HJ-MVJD-3FX0

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

industrial paint

Paint, Varnish.

**Uses advised against**

Do not use for products which come into contact with the food stuffs.

**1.3. Details of the supplier of the safety data sheet**

Company name: W+S GmbH Lackchemie und Aerosol-Technik

Street: Am Sportplatz 5

Place: D-63791 Karlstein-Dettingen

Telephone: +49 6188 9575-0

Telefax: +49 6188 9575-30

E-mail: info@ws-lackchemie.de

Contact person: Abt. Produkt / Sicherheit

Responsible Department: Abt. Produkt / Sicherheit

**1.4. Emergency telephone number:**

+49 551-19240 GIZ-Nord Poisons Centre

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Flam. Liq. 3; H226

STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

titanium dioxide

**Signal word:**

Warning

**Pictograms:****Hazard statements**

H226

Flammable liquid and vapour.

H336

May cause drowsiness or dizziness.

**Precautionary statements**

P210

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

P378

In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish.

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

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P304+P340 or shower.  
P501 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Dispose of contents/container to an appropriate recycling or disposal facility.

**Special labelling of certain mixtures**

EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Paint, Varnish.

**Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
123-86-4	n-butyl acetate			15 - < 20 %
	204-658-1	607-025-00-1		
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
108-65-6	2-methoxy-1-methylethyl acetate			15 - < 20 %
	203-603-9	607-195-00-7		
	Flam. Liq. 3; H226			
112-07-2	2-butoxyethyl acetate; butylglycol acetate			5 - < 10 %
	203-933-3	607-038-00-2		
	Acute Tox. 4, Acute Tox. 4; H332 H312			
13463-67-7	titanium dioxide			1 - < 5 %
	236-675-5	022-006-00-2		
	Carc. 2; H351			

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

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
108-65-6	203-603-9	2-methoxy-1-methylethyl acetate	15 - < 20 %
	dermal: LD50 = 7500 mg/kg; oral: LD50 = 8532 mg/kg		
112-07-2	203-933-3	2-butoxyethyl acetate; butylglycol acetate	5 - < 10 %
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 1500 mg/kg		

**Further Information**

Full text of R-phrases: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Give nothing to eat or drink.

**After inhalation**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of inhaling spray mists, consult

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a doctor immediately and show him box or label. If victim is at risk of losing consciousness, position and transport on their side. Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water. Medical treatment necessary. Remove contaminated, saturated clothing immediately. Change contaminated clothing. Wash thoroughly the body (shower or bath).

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

If swallowed, immediately drink: Water. Do NOT induce vomiting. Call a physician immediately.

Caution if victim vomits: Risk of aspiration!

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

Frequently or prolonged contact with skin may cause dermal irritation.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). ABC powder.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke. In case of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Contaminated fire-fighting water must be collected separately.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Contaminated fire-fighting water must be collected separately. Remove product from area of fire. Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Explosion hazard. 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 (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**

See protective measures under point 7 and 8.

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**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. Do not breathe gas/fumes/vapour/spray. Preventive measures: If handled uncovered, arrangements with local exhaust ventilation have to be used. It is recommended to design all work processes always so that the following is excluded: inhalation. skin contact. Eye contact. Take precautionary measures against static discharges.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Vapours may form explosive mixtures with air.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Keep container in a well-ventilated place. Keep only in the original container in a cool, well-ventilated place. Take precautionary measures against static discharges.

**Hints on joint storage**

Do not store together with: Material, rich in oxygen, oxidizing. Materials to avoid: Acid. Base. Material, combustible. Oxidizing agents.

**Further information on storage conditions**

Keep away from sources of ignition - No smoking. Protect against: heat. Keep/Store only in original container.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL
112-07-2	2-Butoxyethyl acetate	20	133		TWA (8 h)	WEL
		50	332		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Occupational exposure controls: Refer to chapter 7. No further action is necessary.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Suitable eye protection: Framed glasses. Goggles.

**Hand protection**

Tested protective gloves are to be worn:

Suitable material: NBR (Nitrile rubber). , Butyl rubber.

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Thickness of glove material: >0,4mm  
penetration time (maximum wearing period): >480min  
DIN-/EN-Norms EN ISO 374

**Skin protection**

Suitable protective clothing: Lab apron.

**Respiratory protection**

Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation . insufficient absorbtion.

**Environmental exposure controls**

Refer to chapter 7 No further action is necessary.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	characteristic
Odour:	hydrocarbons, aromatic.
Odour threshold:	not determined

**Test method**

Boiling point or initial boiling point and boiling range:	100 °C
Lower explosion limits:	1,1 vol. %
Upper explosion limits:	10,8 vol. %
Flash point:	30 °C
Density:	1,12 g/cm³

**9.2. Other information****Other safety characteristics**

Solvent content:	VOC (CH): 38,2 % VOC value 427,8
Solid content:	61,8 %
Softening point:	DIN 52025
Flow time: (at 20 °C)	115s 4 DIN 53211

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.2. Chemical stability**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.3. Possibility of hazardous reactions**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard. Conditions to avoid:  
In case of warming: Danger of bursting container.

**10.5. Incompatible materials**

Alkalis (alkalis). Acid. Oxidizing agents.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapors.

**SECTION 11: Toxicological information**

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

Acute toxicity, oral. Acute toxicity, inhalant. Toxicological data are not available.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
108-65-6	2-methoxy-1-methylethyl acetate					
	oral	LD50 mg/kg	8532	Rat	RTECS	
	dermal	LD50 mg/kg	7500	Rabbit		
112-07-2	2-butoxyethyl acetate; butylglycol acetate					
	dermal	LD50 mg/kg	1500	Rabbit	RTECS	
	inhalation vapour	ATE	11 mg/l			
	inhalation dust/mist	ATE	1,5 mg/l			

**Irritation and corrosivity**

Evaluation: non-irritant.

**STOT-repeated exposure**

Has de-greasing effect on the skin.

**Specific effects in experiment on an animal**

Rat LD50: 4300 - 5800 mg/kg Acute toxicity, oral

Data apply to the main component.

**Additional information on tests**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**11.2. Information on other hazards****Further information**

Toxicological data are not available.

**SECTION 12: Ecological information****12.1. Toxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Doesn't get into the sewage water as long as the process is carried out according to regulations.

Very toxic for Water fleas.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
108-65-6	2-methoxy-1-methylethyl acetate					
	Acute fish toxicity	LC50	161 mg/l	96 h	Pimephales promelas	
	Acute crustacea toxicity	EC50	408 mg/l	48 h	Daphnia magna	
112-07-2	2-butoxyethyl acetate; butylglycol acetate					
	Acute algae toxicity	ErC50 mg/l	> 500	72 h	Desmodesmus subspicatus	IUCLID
	Acute crustacea toxicity	EC50	37 mg/l	48 h	Daphnia magna	

**12.2. Persistence and degradability**

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No data available

**12.3. Bioaccumulative potential**

No data available

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
108-65-6	2-methoxy-1-methylethyl acetate	0,43
112-07-2	2-butoxyethyl acetate; butylglycol acetate	1,51

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

No data available

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available

**Further information**

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

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

Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - used product**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Hand over to officially registered waste disposal company.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:** UN 1263**14.2. UN proper shipping name:** PAINT**14.3. Transport hazard class(es):** 3

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**14.4. Packing group:**

III

Hazard label:

3



Classification code:

F1

Special Provisions:

163 367 650

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

30

Tunnel restriction code:

D/E

**Other applicable information (land transport)**

If this product is transported in containers of a maximum capacity of 450 l according to ADR/RID No. 2.2.3.1.5., it is not referred to as a dangerous good in terms of transport regulations.

**Inland waterways transport (ADN)****14.1. UN number or ID number:**

UN 1263

**14.2. UN proper shipping name:**

Paint

**14.3. Transport hazard class(es):**

3

**14.4. Packing group:**

III

Hazard label:

3



Classification code:

F1

Special Provisions:

163 367 650

Limited quantity:

5 L

Excepted quantity:

E1

**Other applicable information (inland waterways transport)**

If this product is transported in containers of a maximum capacity of 450 l according to ADR/RID No. 2.2.3.1.5., it is not referred to as a dangerous good in terms of transport regulations.

**Marine transport (IMDG)****14.1. UN number or ID number:**

UN 1263

**14.2. UN proper shipping name:**

PAINT

**14.3. Transport hazard class(es):**

3

**14.4. Packing group:**

III

Hazard label:

3



Special Provisions:

163, 223, 367, 955

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-E, S-E

**Other applicable information (marine transport)**

Transport in accordance with paragraph 2.3.2.5 of the IMDG Code.

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number or ID number:**

UN 1263

**14.2. UN proper shipping name:**

PAINT

**14.3. Transport hazard class(es):**

3

**14.4. Packing group:**

III

Hazard label:

3



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Special Provisions: A3 A72 A192  
Limited quantity Passenger: 10 L  
Passenger LQ: Y344  
Excepted quantity: E1  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

**14.6. Special precautions for user**

No information available.

**14.7. Maritime transport in bulk according to IMO instruments**

No information available.

**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, Entry 40, Entry 75

Directive 2004/42/EC on VOC in  
paints and varnishes: VOC (CH): 38,2 %  
VOC value 427,8

**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**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Abbreviations and acronyms**

Flam. Liq: Flammable liquids

Acute Tox: Acute toxicity

Carc: Carcinogenicity

STOT SE: Specific target organ toxicity - single exposure

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
STOT SE 3; H336	

**Relevant H and EUH statements (number and full text)**

H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
EUH066 Repeated exposure may cause skin dryness or cracking.



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EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

#### Further Information

The product is classified and labelled according to EC directives or corresponding national laws.

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

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*