Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Trade name :	PROBAU Acryl ECO (Pressure Pack)		
Revision date :	13.07.2017	**Version (Revision) :**	3.0.0 (2.0.0)
Print date :	07.08.2017		

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

1.1 Product identifier

PROBAU Acryl ECO (Pressure Pack)

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

Relevant identified uses

elastic sealant

Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

quick-mix Gruppe GmbH & Co. KG

Street : Mühleneschweg 6

Postal code/city : D-49090 Osnabrück

Telephone : +49 541-601601

Telefax : +49 541-601853

Information contact : eMail: info@quick-mix.de

1.4 Emergency telephone number

+49 551-19240 GIZ Nord

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 3 ; H229 - Flammable aerosols : Category 3 ; Pressurised container: May burst if heated.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word

Warning

Hazard statements

H229	Pressurised container: May burst if heated.

Precautionary statements

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.

2.3 Other hazards

Contains the following fluorinated greenhous gas (chemical name): 1,1,1,2-tetrafluoroethane The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. An environmental hazard cannot be ruled out in the event of improper handling or disposal.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

None

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
No special measures are necessary.

Following inhalation
Provide fresh air.

In case of skin contact
Wash immediately with: Water and soap

After eye contact
Rinse immediately carefully and thoroughly with eye-bath or water. In case of irritation consult doctor.

After ingestion
Wash your mouth thoroughly and drink plenty of water afterwards. Do NOT induce vomiting. Call a physician immediately.

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
None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Foam Carbon dioxide (CO_2) Extinguishing powder Water spray jet

Unsuitable extinguishing media
Full water jet

5.2 Special hazards arising from the substance or mixture
Heating causes rise in pressure with risk of bursting.

Hazardous combustion products
Fluorine-containing pyrolysis products. Hydrogen halide Carbon dioxide. Carbon monoxide.

5.3 Advice for firefighters
None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
None

6.2 Environmental precautions
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.3 Methods and material for containment and cleaning up
Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections
Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Always close containers tightly after the removal of product.

Hints on joint storage

Storage class : 2B

Storage class (TRGS 510) : 2B

Do not store together with

Acid alkali

Further information on storage conditions

Keep/Store only in original container. Protect against direct sunlight. Avoid heat and frost.

7.3 Specific end use(s)

elastic sealant

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL and PNEC values

DNEL/DMEL

Limit value type :	DNEL Consumer (systemic) (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	2476 mg/m^3
Limit value type :	DNEL worker (systemic) (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	13936 mg/m^3

PNEC

Limit value type :	PNEC aquatic, freshwater (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Limit value :	0,1 mg/l
Limit value type :	PNEC aquatic, marine water (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Limit value :	0,01 mg/l
Limit value type :	PNEC sediment, freshwater (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Limit value :	0,75 mg/kg
Limit value type :	PNEC sewage treatment plant (STP) (1,1,1,2-TETRAFLUOROETHANE ; CAS No. : 811-97-2)
Limit value :	73 mg/l

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear protective glasses during application with a spray gun.

Skin protection

Hand protection

Use protective gloves.

Suitable material : NBR (Nitrile rubber) If necessary, use under-gloves made of cotton.

Breakthrough time (maximum wearing time) : Penetrationtime >480 min.

Thickness of the glove material : >0,5 mm

Respiratory protection

Provide adequate ventilation.

8.3 Additional information

Use only in well-ventilated areas.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Paste

Colour : Depending on color.

Odour

mild

Safety relevant basis data

Melting point/melting range :			No data available		
Initial boiling point and boiling range :	(1013 hPa)	ca.	120	°C	
Decomposition temperature :			No data available		
Flash point :			none		
Lower explosion limit :			No data available		
Upper explosion limit :			No data available		
Vapour pressure :	(50 °C)		none		
Density :	(20 °C)		1,61	g/cm^3	
Solvent separation test :	(20 °C)		none		
Water solubility :	(20 °C)		No data available		
pH :			8,5		
log P O/W :			No data available		
Flow time :	(20 °C)		none		DIN-cup 4 mm
Cinematic viscosity :	(40 °C)		not relevant		
Relative vapour density :	(20 °C)		No data available		
Vapourisation rate :			No data available		
Maximum VOC content (EC) :			0	Wt %	
Maximum VOC content (Switzerland) :			0	Wt %	
VOC value (Wood coating) :			0	g/l	DIN EN ISO 11890-1/2
Flammable gases :	No data available.				

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid heat and frost.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

This product is unlikely to harm health, given normal and proper handling and hygenic precautions.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

Contains the following fluorinated greenhous gas (chemical name): 1,1,1,2-tetrafluoroethane Global Warming Potential: 1430

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

080410

Waste name

Waste adhesives and sealants other than mentioned in 080409.

Waste code packaging

150102

Waste name

plastic packaging

Waste treatment options

Appropriate disposal / Product

Containers with liquid residue should be taken to a collection point for special waste. Dried waste material can be disposed of as household rubbish.

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. 160505 Gases in pressure containers other than those mentioned in 16 05 04.

SECTION 14: Transport information

14.1 UN number

UN 1950

14.2 UN proper shipping name

Land transport (ADR/RID)
AEROSOLS, NON-FLAMMABLE

Sea transport (IMDG)
AEROSOLS, NON-FLAMMABLE

Air transport (ICAO-TI / IATA-DGR)
AEROSOLS, NON-FLAMMABLE

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) :	2
Classification code :	5A
Hazard identification number (Kemler No.) :	20
Tunnel restriction code :	E
Special provisions :	LQ 2 · E 0
Hazard label(s) :	2.2

Sea transport (IMDG)

Class(es) :	2.2
EmS-No. :	F-D / S-U
Special provisions :	LQ 1 l · E 0
Hazard label(s) :	2.2

Air transport (ICAO-TI / IATA-DGR)

Class(es) :	2.2
Special provisions :	E 0
Hazard label(s) :	2.2

14.4 Packing group

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Technische Anleitung Luft (TA-Luft)
Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)
Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

We have no chemical safety assessment for the critical components of this formulation.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14.

Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR)

16.2 Abbreviations and acronyms

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; UN - United Nations VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse VwVwS - Verwaltungsvorschrift wassergefährdende Stoffe

16.3 Key literature references and sources for data

Sources: http://www.gisbau.de http://www.baua.de

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

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.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Trade name :	Acryl ECO		
Revision date :	21.09.2016	**Version :**	1.0.0
Print date :	28.02.2017		

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

1.1 Product identifier
Acryl ECO

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

Uses advised against
None known.

1.3 Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor)
quick-mix Gruppe GmbH & Co. KG

Street : Mühleneschweg 6

Postal code/city : D-49090 Osnabrück

Telephone : +49 541-601601

Telefax : +49 541-601853

Information contact : eMail: info@quick-mix.de

1.4 Emergency telephone number
+49 551-19240 GIZ Nord

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Directive 67/548/EEC or 1999/45/EC
None

Classification according to Regulation (EC) No. 1272/2008 [CLP]
None

2.2 Label elements
None

2.3 Other hazards
None

SECTION 3: Composition / information on ingredients

3.2 Mixtures
Hazardous ingredients

None

SECTION 4: First aid measures

4.1 Description of first aid measures
General information
No special measures are necessary.

Following inhalation
Provide fresh air.

In case of skin contact

Wash immediately with: Water and soap

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of irritation consult doctor.

After ingestion

Wash your mouth thoroughly and drink plenty of water afterwards. Do NOT induce vomiting. Call a physician immediately.

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

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam Carbon dioxide (CO2) Extinguishing powder Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

None

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Always close containers tightly after the removal of product.

Hints on joint storage

Storage class : 12
Storage class (TRGS 510) : 12
Do not store together with
Acid alkali

Further information on storage conditions

Keep/Store only in original container. Protect against direct sunlight. Avoid heat and frost.

7.3 Specific end use(s)

elastic sealant

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear protective glasses during application with a spray gun.

Skin protection

Hand protection

Use protective gloves.

Suitable material : NBR (Nitrile rubber) If necessary, use under-gloves made of cotton.

Breakthrough time (maximum wearing time) : Penetrationtime >480 min.

Thickness of the glove material : >0,5 mm

Respiratory protection

Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Paste

Colour : Depending on color.

Odour

mild

Safety relevant basis data

Melting point/melting range :		No data available		
Initial boiling point and boiling range :	(1013 hPa)	not applicable		
Decomposition temperature :		No data available		
Flash point :		not applicable		
Lower explosion limit :		No data available		
Upper explosion limit :		No data available		
Vapour pressure :	(50 °C)	not applicable		
Density :	(20 °C)	1,61	g/cm^3	
Solvent separation test :	(20 °C)	none		
Water solubility :	(20 °C)	No data available		
pH :		8		
log P O/W :		No data available		
Flow time :	(20 °C)	none		DIN-cup 4 mm
Cinematic viscosity :	(40 °C)	not relevant		
Relative vapour density :	(20 °C)	No data available		
Vapourisation rate :		No data available		
Maximum VOC content (EC) :		0	Wt %	
Maximum VOC content (Switzerland) :		0	Wt %	
VOC value (Wood coating) :		0	g/l	DIN EN ISO 11890-1/2
Flammable gases :	No data available.			

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid heat and frost.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

This product is unlikely to harm health, given normal and proper handling and hygenic precautions.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose according to legislation.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

080410

Waste name

Waste adhesives and sealants other than mentioned in 080409.

Waste code packaging

150102

Waste name

plastic packaging

Waste treatment options

Appropriate disposal / Product

Containers with liquid residue should be taken to a collection point for special waste. Dried waste material can be disposed of as household rubbish.

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

We have no chemical safety assessment for the critical components of this formulation.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; UN - United Nations VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse VwVwS - Verwaltungsvorschrift wassergefährdende Stoffe

16.3 Key literature references and sources for data

Sources: http://www.gisbau.de http://www.baua.de

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

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.