

**InStar**

PS1805

Pourable Sealer Resin**Safety Data Sheet****Page 1**

Pourable Sealer Resin

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

1.1 Product name

Instar Pourable Sealer - 1Kg

1.2 Use

Grout resin

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier

Instar UK Ltd

Holland House, Valley Way, Rockingham Road, Market Harborough, LE16 7PS, UK

T: +44 (0)1858 456949, F: +44 (0)1858 410572

Further information obtainable from: www.instar-uk.co.uk

1.4 Emergency telephone number

During office hours tel: +44 (0) 1858410372. At all other times please contact your national poisoning centre.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335

2.2 Label elements



GHS02



GHS07

Signal word - Danger

(Continued overleaf)

This information given in good faith and is based on the latest knowledge available to InStar UK Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

InStar, Holland House, Valley Way, Rockingham Road, Market Harborough, Leicestershire LE16 7PS | T: +44 (0)1858 456949 | E-mail: info@instar-uk.co.uk

**SECTION 2: Hazards Identification**

Hazardous component(s) to be indicated on label	methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methyl-propenoate, 2-ethylhexyl acrylate, ethane-1, 2-diylbis(oxyethane-2, 1-diyl) bis-methylacrylate)
H-statement(s)	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H335: May cause respiratory irritation.
P-statement(s)	P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233: Keep container tightly closed. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P403+P233: Store in a well-ventilated place. Keep container tightly closed.

SECTION 3: Composition/information on ingredients**3.1 Mixtures**

Chemical characterization: Mixture with reactive acrylates

Hazardous ingredients

INGREDIENT		CLASSIFICATION (EC) 1272/2008	INGREDIENT
methyl methacrylate, methyl 2-methyl-prop-2-enoate, methyl 2-methylpropenoate	CAS No.: 80-62-6 EC-No.: 201-297-1 Index-No.: 607-035-00-6 REACH No.: 01-2119452498-28-XXXX	Flam. Liq. 2; H225 STOT SE 3; H335 Skin Irrit. 2; H315 Skin Sens. 1; H317	25.0 - 30.0 % by weight
2-ethylhexyl acrylate	CAS No.: 103-11-7 EC-No.: 203-080-7 Index-No.: 607-107-00-7 REACH No.: 01-2119453158-37-XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Chronic 3; H412	15.0 - 20.0 % by weight
aliphatic urethanacrylate		Skin Irrit. 2; H315 Eye Irrit. 2; H319	5.0 - 10.0 % by weight
ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)	ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate) REACH No.: 01-2119969287-21-XXXX	Skin Sens. 1; H317	1.0 - 5.0 % by weight
1,1'-(p-Tolylimino) dipropan-2-ol	CAS No.: 38668-48-3 EC-No.: 254-075-1 REACH No.: 01-2119980937-17-XXXX	CAS No.: 38668-48-3 EC-No.: 254-075-1 REACH No.: 01-2119980937-17-XXXX	0.1 - 1.0 % by weight

This information given in good faith and is based on the latest knowledge available to InStar UK Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.



SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.
If inhaled	Move to fresh air. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
In case of skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, get medical advice/attention.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

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

Immediate medical attention: Treat symptomatically.

SECTION 5: Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide:
(CO₂), Foam, Water spray, Dry powder

Extinguishing media which must not be used for safety reasons:
High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Violent polymerization may be caused by: Extremes of temperature and direct sunlight. Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Exposure to decomposition products may be a hazard to health.
--	---

5.3 Advice for firefighters

Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses.
--	---



SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Vapours are heavier than air and may spread along floors. Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly.

Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections Disposal considerations See also section 13.

6.5 Additional information

Other information Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling And Storage

7.1 Precautions for safe handling

Advice on safe handling Processing may lead to evolution of flammable volatiles. In case of insufficient ventilation, wear suitable respiratory equipment. Keep product and empty container away from heat and sources of ignition.

Handle and open container with care. Avoid contact with skin and eyes.

Precautions Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

Advice on protection against fire and explosion Take precautionary measures against static discharges. Vapours may form explosive mixture with air. Use water spray to cool unopened containers.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Store in accordance with the particular national regulations. Keep in a cool, well-ventilated place.

TRGS 510 3

**SECTION 8: Exposure controls/personal protection (1)****8.1 Control parameters**

SUBSTANCE	Long-term exposure value/ ppm	Short-term exposure value / ppm	Short-term exposure value / mg/m3	Source
METHYL METHACRYLATE Great Britain	208	100	416	19

Source: 19 - EH40/2005 Workplace exposure limits (2011)

SUBSTANCE	Long-term exposure value/ ppm	Short-term exposure value / ppm	Issuing date	Source
METHYL METHACRYLATE Europe	50	100	2009/161	24

Source: 24 - DIRECTIVE 2009/161/EU

DNEL	Value	Target group	Exposure route	Exposure frequency	Source
	210 mg/m ³	Workers	Inhalation	Long term effects Local	100
	210 mg/m ³	Workers	Inhalation	Long term effects Systemic	100
	1,5 mg/cm ²	Workers	Skin	Long term effects Local	100
	13,67 mg/kg	Workers	Skin	Long term effects Systemic	100
	105 mg/m ³	Consumers	Inhalation	Long term effects Local	100
	74,3 mg/m ³	Consumers	Inhalation	Long term effects Systemic	100
	1,5 mg/cm ²	Consumers	Skin	Long term effects Local	100
	8,2 mg/kg	Consumers	Skin	Long term effects Systemic	100
	1,5 mg/cm ²	Consumers	Skin	Short-term effects Local	100

Source: 100 - Firmendaten

PNEC	Value	Exposure route	Source
	0,94 mg/l	Freshwater	100
	0,094 mg/l	Marine water	100
	5,74 mg/kg	Sediment	100
	1,47 mg/kg	Soil	100

Source: 100 - Firmendaten

**SECTION 8: Exposure controls/personal protection (cont 2)****8.1 Control parameters (continued)****2-ETHYLHEXYL ACRYLATE**

DNEL	Value	Target group	Exposure route	Exposure frequency	Source
	37,5 mg/m ³	Workers	Inhalation	Long term effects Local	100
	0,242 mg/cm ²	Workers	Skin	Long term effects Local	100
	0,242 mg/cm ²	Workers	Skin	Short term effects Local	100
	4,5 mg/m ³	Consumers	Inhalation	Long term effects Local	100

Source: 100 - Firmendaten

PNEC	Value	Exposure route	Source
	0,002752 mg/l	Freshwater	100
	0,002752 mg/l	Sea water	100
	2,3 mg/l	Wastewater treatment plant	100
	0,126 mg/kg	Sediment water	100
	0,126 mg/kg	sediment seawater	100
	1,0 mg/kg	Soil	100
	0,0023 mg/kg	Intermittent release	100

Source: 100 - Firmendaten

ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)

DNEL	Value	Target group	Exposure route	Exposure frequency	Source
	48,5 mg/m ³	Workers	Inhalation	Long term effects systemic	100
	13,9 mg/kg	Workers	Dermal exposure	Long term effects systemic	100
	14,5 mg/m ³	Consumers	Inhalation	Long term effects systemic	100
	8,33 mg/kg	Consumers	Dermal exposure	Long term effects systemic	100
	8,33 mg/kg	Consumers	Oral	Long term effects systemic	100

Source: 100 - Firmendaten

**SECTION 8: Exposure controls/personal protection (cont 3)****8.1 Control parameters (continued)**

ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)

PNEC	Value	Exposure route	Source
	0,164 mg/l	Freshwater	100
	0,274 mg/kg	Soil	100
	0,185 mg/kg	Marine sediment	100
	1,85 mg/kg	Freshwater Sediment	100
	10 mg/l	Waste water treatment	100
	0,164 mg/l	Intermittent release	100
	0,00164 mg/l	Marine water	100

Source: 100 - Firmendaten

1,1'-(p-Tolylimino)dipropan-2-ol

DNEL	Value	Target group	Exposure route	Exposure frequency	Source
	2 mg/m ³	Workers	Inhalation	Long term effects	100
	0,6 mg/kg	Workers	Skin	Long term effects	100

Source: 100 - Firmendaten

PNEC	Value	Exposure route	Source
	199,5 mg/l	Waste water treatment	100
	0,0072 mg/kg	Marine water	100
	0,017 mg/l	Freshwater	100

**SECTION 8: Exposure controls/personal protection (cont 4)****8.2 Control parameters**

Respiratory protection	<p>In interiors and during exceeding of the air limit values carrying of protective masks is absolutely necessary.</p> <p>Vapour during processing may be irritating to the respiratory tract and to the eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.</p>
Remarks	<p>Recommended Filter type: A1, A2 (in case of higher concentration)</p> <p>Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).</p>
Hand protection	<p>Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.</p>
Unsuitable material	<p>Woven fabric, Leather gloves</p>
Suitable material	<p>Nitriles</p>
Material thickness	<p>0,38 mm</p>
Break through time	<p><25 min</p>
Eye protection	<p>Tightly fitting safety goggles</p>
Skin and body protection	<p>Wear suitable protective equipment. Long sleeved clothing.</p>
General protective and hygiene measures	<p>Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.</p>
Engineering measures	<p>Ensure adequate ventilation, especially in confined areas. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.</p>

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

PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Liquid
Colour	Milky
Odour	typical for acrylates
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	>100 °C
Flashpoint	10 °C
Evaporation rate [kg/(s*m ²)]	not determined
Explosion limits [Vol-%] methyl methacrylate - Lower limit - Upper limit 2-ethylhexyl acrylate - Lower limit - Upper limit	The product itself has not been tested 0,9 vol. % 12,5 vol. % 0,9 vol. % 6,4 vol. %
Vapour pressure [kPa]	not determined
Vapour density	not determined
Density [g/cm ³]	0,96 g/cm ³
Temperature	20 °C
Water solubility [g/l]	Insoluble
Partition coefficient n-octanol /wa-ter (log P O/W)	not determined
Explosive properties	In use, may form flammable/explosive vapour-air mixture
Oxidising properties	Not relevant

9.2 Other information

PHYSICAL AND CHEMICAL PROPERTIES	
Ignition temperature [°C]	280 °C
Flow time [s]	34 sec
Temperature	20 °C
Measuring method	DIN cup 6 mm

This information given in good faith and is based on the latest knowledge available to InStar UK Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

**SECTION 10: Stability and reactivity****10.1 Possibility of hazardous reactions****Hazardous reactions**

The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is noticeably exceeded, the product may polymerize with heat evolution. Risk of receptacle bursting.

10.2 Conditions to avoid

Extremes of temperature and direct sunlight.

10.3 Incompatible materials**Materials to avoid**

Reacts violently with peroxides. Reducing agents, Strong bases, Amines, Oxidizing agents

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Hazardous ingredients****METHYL METHACRYLATE**

SUBSTANCE	Oral toxicity [mg/kg]	Test criterion	Test species	Measuring method	Source
METHYL METHACRYLATE	>5000 mg/kg	LD50	rat	OECD Test Guideline 401	100

Source: 100 - Firmendaten

SUBSTANCE	Dermal toxicity [mg/kg]	Test criterion	Test species	Source
METHYL METHACRYLATE	>5000 mg/kg	LD50	rabbit	100

Source: 100 - Firmendaten

SUBSTANCE	LC50 Inhalation 4h for vapours [mg/l]	Test criterion	Test species	Source
METHYL METHACRYLATE	29,8 mg/l	LD50	rat	100

Source: 100 - Firmendaten

This information given in good faith and is based on the latest knowledge available to InStar UK Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

**SECTION 11: Toxicological information (cont 1)**

Irritant effect on skin	irritating
- Test species	rabbit
Irritant effect on eyes	Irritant
- Test species	rabbit
Sensitization	Skin sensitization
- Test species	mouse
Carcinogenic effects	not a carcinogen
- Test species	rat, mouse
Mutagenicity	not mutagenic
Reproduction toxicity	not toxic to reproduction

Specific target organ toxicity (single exposure) [mg/kg]	Source
Causes respiratory tract irritation.	100

Source: 100 - Firmendaten

Specific target organ toxicity (repeated exposure) [mg/kg]	Source
No known effect.	100

Source: 100 - Firmendaten

2-ETHYLHEXYL ACRYLATE

SUBSTANCE	Oral toxicity [mg/kg]	Test criterion	Test species	Source
2-ETHYLHEXYL ACRYLATE	4435 mg/kg	LD50	rat	100

SUBSTANCE	Dermal toxicity [mg/kg]	Test criterion	Test species	Source
2-ETHYLHEXYL ACRYLATE	4435 mg/kg	LD50	rabbit	100

SUBSTANCE	Inhalative toxicity [mg/kg]	Test criterion	Test species	Source
2-ETHYLHEXYL ACRYLATE	1,19 mg/l	LD50	rabbit	100

Source: 100 - Firmendaten

**SECTION 11: Toxicological information (cont 2)**

Irritant effect on skin	Skin irritation
- Test species	rabbit
- Exposure duration	4 h
Irritant effect on eyes	slightly irritating
- Measuring method	OECD Test Guideline 405
- Test species	rabbit
Sensitization	Skin sensitization
Carcinogenic effects	No known effect
Mutagenicity	No known effect
Reproduction toxicity	No known effect

Specific target organ toxicity (single exposure) [mg/kg]	Source
Causes respiratory tract irritation.	100

Source: 100 - Firmendaten

Specific target organ toxicity (repeated exposure) [mg/kg]	Source
No known effect.	100

Source: 100 - Firmendaten

ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)

SUBSTANCE	Oral toxicity [mg/kg]	Test criterion	Test species	Remarks	Source
ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)	10066 mg/kg	LD50	rat	Information given is based on data on the components and the toxicology of similar products.	100

Source: 100 - Firmendaten

SUBSTANCE	Dermal toxicity [mg/kg]	Test criterion	Test species	Source
ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)	>2001 mg/kg	LD50	mouse	100

Source: 100 - Firmendaten

**SECTION 11: Toxicological information (cont 3)**

Irritant effect on skin	No skin irritation
Irritant effect on eyes	No eye irritation
Sensitization	Skin sensitizer
Carcinogenic effects	No known effect
Mutagenicity	No known effect
Reproduction toxicity	No known effect

Specific target organ toxicity (repeated exposure) [mg/kg]	Source
No known effect.	100

Source: 100 - Firmendaten

1,1'-(p-Tolylimino)dipropen-2-ol

SUBSTANCE	Dermal toxicity [mg/kg]	Test criterion	Test species	Source
1,1'-(p-Tolylimino) dipropen-2-ol	45 mg/kg	LD50	rat	100

Source: 100 - Firmendaten

SUBSTANCE	Dermal toxicity [mg/kg]	Test criterion	Test species	Source
1,1'-(p-Tolylimino) dipropen-2-ol	>2001 mg/kg	LD50	rat	100

Source: 100 - Firmendaten

Irritant effect on skin	No skin irritation
Irritant effect on eyes	Irritant
Sensitization	No sensitization responses were observed
Mutagenicity	negative

11.2 Additional information**Experience in practice**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to eyes, respiratory system and skin. Irritating to mu-cous membranes.

**SECTION 12: Ecological information****12.1 Toxicity****Hazardous ingredients****METHYL METHACRYLATE**

TOXICITY TO FISH [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
191 mg/l	LD50	Oncorhynchus mykiss (rainbow trout)	OECD Test Guide-line 203	96 h	100

Source: 100 - Firmendaten

TOXICITY TO DAPHNIA [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
69 mg/l	EC50	Daphnia magna (Water flea)	OECD Test Guide-line 202	48 h	100

Source: 100 - Firmendaten

TOXICITY TO ALGAE [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
110 mg/l	EC50	Selenastrum capri-cornutum (green algae)	OECD Test Guide-line 201	72 h	100

Source: 100 - Firmendaten

NOEC (FISH) [MG/L]	Test species	Measuring method	Source
191 mg/l	Brachydanio rerio (zebra fish)	OECD Test Guideline 210	100

Source: 100 - Firmendaten

NOEC (DAPHNIA) [MG/L]	Test species	Measuring method	Source
191 mg/l	Daphnia magna (Water flea)	OECD Test Guideline 202	100

Source: 100 - Firmendaten

Bioaccumulation

Does not bioaccumulate.

Mobility

Terrestrial Compartment - Not relevant

**SECTION 12: Ecological information (cont 1)****2-ETHYLHEXYL ACRYLATE**

TOXICITY TO FISH [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
1,81 mg/l	LD50	Oncorhynchus mykiss (rainbow trout)	OECD Test Guide-line 203	96 h	100

Source: 100 - Firmendaten

TOXICITY TO DAPHNIA [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
1,3 mg/l	EC50	Daphnia magna (Water flea)	OECD Test Guide-line 202	48 h	100

Source: 100 - Firmendaten

TOXICITY TO ALGAE [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
1,71 mg/l	ErC50	Desmodesmus subspicatus	OECD Test Guide-line 201	72 h	100

Source: 100 - Firmendaten

NOEC (ALGAE) [MG/L]	Test species	Measuring method	Source
0,45 mg/l	Desmodesmus subspicatus	OECD Test Guideline 201	100

Source: 100 - Firmendaten

Ready degradability**Bioaccumulation**

Bioaccumulation slight, log Pow 4,64

ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)

TOXICITY TO FISH [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
16,4 mg/l	LD50	Brachydanio rerio (zebra fish)	OECD Test Guide-line 203	96 h	100

Source: 100 - Firmendaten

TOXICITY TO DAPHNIA [MG/L]	Test criterion	Test species	Exposure duration	Source
30,2mg/l	EC50	Daphnia magna (Water flea)	21 day(s)	100

Source: 100 - Firmendaten

**SECTION 12: Ecological information (cont 2)****ethane-1,2-diylbis(oxyethane-2,1-diyl) bis-methylacrylate)**

TOXICITY TO ALGAE [MG/L]	Test criterion	Test species	Measuring method	Exposure duration	Source
101 mg/l	EC50	Pseudokirchneriella subcapitata	OECD Test Guide-line 201	72 h	100

Ready degradability**Bioaccumulation**

Slight

1,1'-(p-Tolylimino)dipropan-2-ol

TOXICITY TO FISH [MG/L]	Test criterion	Test species	Exposure duration	Source
17 mg/l	LC50	Brachydanio rerio (zebra fish)	21 day(s)	100

Source: 100 - Firmendaten

TOXICITY TO DAPHNIA [MG/L]	Test criterion	Test species	Exposure duration	Source
28,8 mg/l	EC50	Daphnia magna (Water flea)	18 h	100

Source: 100 - Firmendaten

TOXICITY TO ALGAE [MG/L]	Test criterion	Test species	Exposure duration	Source
245 mg/l	EC50	Desmodesmus subspicatus	27 h	100

Source: 100 - Firmendaten

12.2 Results of PBT and vPvB assessment**Results of PBT characteristics determination**

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.3 Other adverse effects**Further information on ecology**

We have no quantitative data concerning the ecological effects of this product.



SECTION 13: Disposal considerations

13.1 Waste treatment methods




Disposal considerations

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

TRANSPORT INFORMATION	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	1263	1263	1263
14.2 Description of the goods	PAINT	PAINT	PAINT
14.3 UN proper shipping name	PAINT	PAINT	PAINT
14.4 Transport hazard class(es)	3	3	3
14.5 Packaging group	III	III	III
Labels	3 	3 	3 
Risk no	30		
Category	3		
Factor	1		
Classification Code	F1		
SP 640	640E		
Tunnel restriction code	D/E		
Remarks	(including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)
EmS	6.1	F-E;_S-E	
Stowage category		A	

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to An-nex II of MARPOL and the IBC Code

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Additional regulations	Additionally, observe any national regulations
Water Hazard Class (Ger.)	1
Classification in compliance with the Industrial Safety Regulation	highly flammable
GISCODE	RMA10

SECTION 16: Other information

Relevant H-phrases	H225: Highly flammable liquid and vapour. H300: Fatal if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation.
Wording of the hazard classes	H412: Harmful to aquatic life with long lasting effects. Flam. Liq.: Flammable liquid Skin Irrit.: Skin irritation Skin Sens.: Skin sensitization STOT SE: Specific target organ toxicity - single exposure Aquatic Chronic: Hazardous to the aquatic environment Eye Irrit.: Serious eye irritation Acute Tox.: Acute toxicity

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

CLASSIFICATION	EVALUATION
Flam. Liq. 2; H225	-
Skin Irrit. 2; H315	-
Skin Sens. 1; H317	-
STOT SE 3; H335	-

Department issuing safety data sheet Environmental Department

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.