SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 (REACH)

PRIMAcryl

13 100 zinc white

Article No. Version	13 100 4.2	(09.07.21)		Issue date: 19.0	7.21 / 9
version	4.2	(09.07.21)		Page 1	,
	SECTION	1: Identification of t	he substance/mixture	and of the	
		company	/undertaking		
1.1 Product Trade name REACH regist UFI	13 100 zinc				
	: identified uses of th eral use	e substance or mixture and	<u>uses advised against</u>		
	Products for o	creation of art.			
Uses	s advised against				
<u>1.3 Details o</u>	Otto-Hahn-St D-40699 Erkr Tel +49 (0) 2 Fax +49 (0) 2 info@schmine www.schmine Schmincke-la	e & Co. GmbH & Co. KG rasse 2 ath 11 - 2509 - 0 211 - 2509 - 479 cke.de cke.de b: 6.30, fr 8.00-13.30 111-2509-474			
Imp	orter ART BASICS 916 Victoria F West Ryde N Australia Phone: +61 2 Fax: +61 2	5W 2114			
1.4 Emergen	icy telephone numbe	ſ			
	Poisons Informat Hazmat incidents Medical incidents		4/7)		
		SECTION 2: Haz	ards identification		
2.1 Classific	ation of the substanc				
		<u>regulation 1272/2008 (CL</u>	<u>)</u>		
	tic Acute 1; H400 Very tic Chronic 1; H410 Ver	toxic to aquatic life. y toxic to aquatic life with long	lasting effects.		
2.2 Label ele	ements				
Labelling	1				
<u></u>	<u> </u>				



Signal word

Warning

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

PRIMAcryl 13 100 zinc white

le No.	13 100		Issue date:	19.07.21
ion	4.2	(09.07.21)	Page	2/9
Hazard statements				
	H410	Very toxic to aquatic life with long lasting effects.		
Safety precautions				
	P102	Keep out of reach of children.		
	P270	Do not eat, drink or smoke when using this product.		
	P273	Avoid release to the environment.		
	P391	Collect spillage.		

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation pigment pure acrylate Water CAS-Number EINECS / ELINCS / NLP EU index number Customs tariff number **REACH** registration No. RTECS-no. Hazchem-Code **CI-Number**

3.2 Mixtures

Substance 1

zinc oxide: 30 - 40 % CAS: 1314-13-2 REACH: 01-2119463881-32-0043 Aquatic Acute 1; H400 / Aquatic Chronic 1; H410

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of inhalation

No special measures are required.

If you feel unwell, seek medical advice (show the label where possible).

In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

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

PRIMAcryl 13 100 zinc white

Article No.	13 100		Issue date:	19.07.21
Version	4.2	(09.07.21)	Page	3/9

Seek medical attention if irritation persists.

After swallowing

Rinse mouth immediately and drink plenty of water.

???

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons water Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Additional information

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Precautions against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage Storage class

Further details

storage temperature: 5 - 30 °C Protect from moisture contamination.

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

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

PRIMAcryl 13 100 zinc white

Article No. 13 100 Issue date: 19.07.21 Version 4.2 (09.07.21) Page 4/ 9

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1314-13-2

zinc oxide

DEU	short-term occupational exposu	20,000	mg/m³	4 (I)
DEU	Long-term occupational exposur	10,000	mg/m³	2(II)

DNEL overview

1314-13-2 zinc oxide

DNEL worker	Long-term - inhalation, systemic effects	5,00000	mg/m³
DNEL worker	Long-term - inhalation, local effects	0,50000	mg/m³
DNEL worker	Long-term - dermal, systemic effects	83,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic effects	0,83000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	2,50000	mg/m³
DNEL Consumer	Long-term - dermal, systemic effects	83,00000	mg/kg bw/day

PNEC overview 1314-13-2

zinc oxide

PNEC soil	35,60000	mg/kg dw
PNEC aquatic, freshwater	20,60000	µg/L
PNEC aquatic, marine water	6,10000	µg/L
PNEC soil, freshwater	117,80000	mg/kg dw
PNEC soil, marine water	56,50000	mg/kg dw
PNEC sewage treatment plant (STP)	100,00000	µg/L

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Wear eye/face protection.

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

After work, wash hands and face.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	pasty
Colour	white
Odour	almost odourless

min

max

Initial boiling point and boiling range Melting point/freezing point Flash point/flash point range Flammability Ignition temperature Auto-ignition temperature

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

PRIMAcryl 13 100 zinc white

Article No. Version	13 100 4.2	(09.07.21)		Issue date: Page	19.07.21 5/ 9
Explosion limits Refraction index PH Viscosity Viscosity		7,5	9,5		
Vapour pressure Density Partition coefficient: 1	n-octanol/water		1,5 - 1,6 kg/l	20 °C	

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

frost and heat

10.5 Incompatible materials

strong acids oxidizing agents Strong alkali

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological tests

1314-13-2 zinc oxide

oral	LD50	Rat	>	5000,00000	mg/kg	-
inhalative	LC50	Rat	>	5,70000	mg/L	(4h)

Acute toxicity

No data available

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience

General remarks

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

PRIMAcryl 13 100 zinc white

Article No.	13 100		Issue date:	19.07.21
Version	4.2	(09.07.21)	Page	6/9

12.1 Toxicity

Ecotoxicological effects

1314-13-2 zinc oxide

EC50	Daphnia magna (Big water		0,67000	mg/L	(48h)
ErC50:	Algae		0,21000	mg/L	(72h)

Aquatic toxicity Water Hazard Class WGK catalog number **General information**

12.2 Persistence and degradability

2

Further details Product is partially biodegradable. Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF) Partition coefficient: n-octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number 080112 waste paint and varnish other than those mentioned in 08 01 11 Recommendation

Package

Waste key number

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information

SECTION 14: Transport information

14.1 UN number

3082

14.2 UN proper shipping name

ADR, ADN	Environmentally hazardous substance, liquid n.o.s.
IMDG, IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Transport hazard class(es)

ADR, ADN	9
IMDG	9
IATA	9

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 (REACH)

PRIMAcryl 13 100 zinc white

14.4 Packing group III 14.5 Environmental hazards Maine Pollutam - INDG Yes Maine Pollutam - INDG Yes 14.6 Special processions for user Image Pollutam - INDG Lind transport (ADR/RD) M6 Code: ADR/RD M6 Maine Pollutam - INDG 90 Hazard tabel ADR 9 Junited quantities 51 Special provisions for packing together MP19 Portable tanks: Instructions T1 - TP29 Tank coding LGGV Tumel retretiction - Remarks El Special provisions 274 - 335 - 375 - 601 Intend waterway craft (ADN) Hazard tabel Linited quantities 51 Transport parmitted Egalpment incessary Ventilation FA, S-F Special provisions 274 - 335 - 375 - 601 Initiate quantities 51 Transport parmitted 51 Special provisions FA, S-F Special provisions P01 - 1-101 Package: Instructions P01 - 1-101	Article No.	13 100			Issue date:	19.07.21	
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Passenger LQ Y964 (30kg G)							
	Cargo						

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

PRIMAcryl 13 100 zinc white

Article No. Version	13 100 4.2	(09.07.21)	Issue date: Page	19.07.21 8/ 9
ERG Remarks		9L		
EQ Special Provisioning	I	E1 A97 - A158 - A197		

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations

Europe

0 Contents of VOC [%] **Contents of VOC** [g/L] Further regulations, limitations and legal requirements

<u>Germany</u>

Storage class 2 Water Hazard Class WGK catalog number Incident regulation Information on working limitations Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%] Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements **Federal Regulations** State Regulations

Japan

Further regulations, limitations and legal requirements

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

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

PRIMAcryl 13 100 zinc white

Article No.	13 100		Issue date:	19.07.21
Version	4.2	(09.07.21)	Page	9/9

Hazard statements (CLP)	H400 Very toxic to aquatic life.
	H410 Very toxic to aquatic life with long lasting effects.
	H411 Toxic to aquatic life with long lasting effects.

Further information

This information is abased on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change

Additional information

BIT - 1,2-benzisothiazol-3(2H)-one

CIT - 5-chloro-2-methyl-4-isothiazolin-3-one

MIT - 2-methyl-2H-isothiazol-3-one

OIT - 2-octyl-2H-isothiazol-3-one