

Revision: 21.12.2022

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SECTION 1: Identification of the substance/mixture and of the comp	
1.1 Product identifier	
Trade name: <u>Colorit Primer</u>	
Article number: 81010345	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> Not approved for private consumers.	
Application of the substance / the mixture	
Auxiliary	
1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:	
Heimerle + Meule GmbH Dennigstrasse 16 D-75179 Pforzheim	
Telefon +49 (0) 7231 940-0 Telefax +49 (0) 7231 940-2199 www.heimerle-meule.com	
Further information obtainable from:	
Abteilung BASU - Bau/Arbeitssicherheit/Umwelt Department BASU - Construction / Occupational Safety / Environment sds@heimerle-meule.com	
IATA - 24h Emergency Contact - IATA - 24h Emergency Contact - (Dangerous goods emergency number) +49 172 739 6970	
1.4 Emergency telephone number:	
DEUTSCHLAND - GERMANY:	
Vergiftungs-Informations-Zentrale Freiburg, ++49 761 19240 (24 h) (Poisoning Information Center) <u>GREAT BRITAIN:</u> National Poisons Information Service +44 121 507 4123 Members of the public seeking specific information on poisons should contact:	
In England and Wales: NHS 111 - dial 111 - In Scotland: NHS 24 - dial 111 IRELAND	
+353 1 809 2166 (7 Days 8 am -10 pm) Healthcare Professionals: +353 1 809 2566 ITALY:	
<i>Istituto Superiore di Sanità (ISS) +3906499906140</i> <i>Centro Antiveleni</i>	
Bergamo: +39 800 883300 Firenze +39 055 794 7819	
Milano: +39 055 794 7819 Roma +39 06 68593726	
Roma +39 06 49978000 Roma + 30 06 3054343	
Roma +39 06 3954343 KROATIA - REPUBLIKA HRVATSKA:	
(+385) 01 2348 342	
ESTLAND - ESTONIA:	
Tervisemeti Mürgistusteabekeskuse National (24/7): 16662	
(+372) 7943 794	
LETTLAND - LATVIA:	



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Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs, (24h) 112 (24h) +371 67042473 <u>LITAUEN - LIETUVOS RESPUBLIKA:</u> Poison Information Bureau (24/7), Tel.: +8 5 236 20 52 Apsinuodijimų informacijos biuras

# **SECTION 2: Hazards identification**

· 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Eye Irrit. 2H319 Causes serious eye irritation.STOT SE 3H336 May cause drowsiness or dizziness.

· 2.2 Label elements

### · Labelling according to Regulation (EC) No 1272/2008

*The product is classified and labelled according to the GB CLP regulation. Hazard pictograms* 



· Signal word Danger

· Hazard-determining components of labelling: propan-2-ol acetone · Hazard statements H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. · Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 Use explosion-proof [electrical/ventilating/lighting] equipment. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P405 P501 Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

• **vPvB:** Not applicable.

### **SECTION 3: Composition/information on ingredients**

#### · 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components / Information on ingredients:

8 1 5	0	
CAS: 67-63-0	propan-2-ol; isopropyl alcohol; isopropanol; 1-Methylethanol; 2-	75-90%
EINECS: 200-661-7	Hydroxypropane; 2-Propanol; Dimethylcarbinol; Petrohol	
Index number: 603-117-00-0	🛞 Flam. Liq. 2, H225	
RTECS: NT 8050000	🚯 Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 67-64-1	acetone; propan-2-one; propanone; 2-Oxopropane; 2-Propanone;	5-10%
EINECS: 200-662-2	beta-Ketopropane; Dimethyl ketone; Pyroacetic ether	
Index number: 606-001-00-8	🛞 Flam. Liq. 2, H225	
RTECS: AL 3150000	🚯 Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119471330-49	ĚUH066	

• Additional information: For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

• 4.1 Description of first aid measures

- · General information:
- Take affected persons out into the fresh air.

Immediately remove any clothing soiled by the product.

- Personal protection for the First Aider.
- Take affected persons out of danger area and lay down.
- Involve doctor immediately after a accident or unwell
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact:
- Immediately rinse with water.

If skin irritation continues, consult a doctor.

• After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

### **SECTION 5: Firefighting measures**

#### · 5.1 Extinguishing media

- Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

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#### • 5.3 Advice for firefighters

• Protective equipment:

No special measures required.

Beware: Filter masks provide protection for a short period of time only. They should only be used in exceptional cases, that is if a small amount of the substance has spilled out or in order to fight spillages and fire

#### • Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

## **SECTION 6:** Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. Only handle and refill product in closed systems. · 6.2 Environmental precautions: Prevent seepage into sewage system, workpits and cellars. Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water. • 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. · 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. he usual precautionary measures are to be adhered to when handling chemicals. Prevent formation of aerosols. Wear suitable respiratory protective device when decanting larger quantities without extractor facilities. Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water. · Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. · 7.2 Conditions for safe storage, including any incompatibilities · Storage: • Requirements to be met by storerooms and receptacles: Store in a cool location. Observe official regulations on storing packagings. Observe official regulations on storing packagings. Prevent any seepage into the ground. · Information about storage in one common storage facility: Do not store together with materials which also support fire Store away from foodstuffs. · Further information about storage conditions:

Store in a cool place.

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Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Store under lock and key and out of the reach of children.

• Storage class: 3

• 7.3 Specific end use(s) No further relevant information available.

# **SECTION 8: Exposure controls/personal protection**

	lues that require monitoring at the workplace:	
CAS: 67-63-0 propan-2-	ol	
WEL (Great Britain)	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm	
AGW (Germany)	Long-term value: 500 mg/m <sup>3</sup> , 200 ppm 2(II);DFG, Y	
CAS: 67-64-1 acetone	•	
WEL (Great Britain)	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm	
IOELV (European Unior	h) Long-term value: $1210 \text{ mg/m}^3$ , $500 \text{ ppm}$	
AGW (Germany)	Long-term value: 1200 mg/m³, 500 ppm 2(I);AGS, DFG, EU, Y	
<b>Regulatory information</b> WEL (Great Britain): EF AGW (Germany): TRGS IOELV (European Union	900	
Ingredients with biologi		
CAS: 67-63-0 propan-2-		
Param 25 mg Unters Prober	nnahmezeitpunkt: Expositionsende bzw. Schichtende eter: Aceton I uchungsmaterial: Urin nnahmezeitpunkt: Expositionsende bzw. Schichtende eter: Aceton	
CAS: 67-64-1 acetone		
BGW (Germany) 80 mg/ Unters Prober Param	uchungsmaterial: Urin 1nahmezeitpunkt: Expositionsende bzw. Schichtende 1eter: Aceton	
8.2 Exposure controls Appropriate engineering Individual protection ma General protective and I	The lists valid during the making were used as basis. <b>controls</b> No further data; see item 7. <b>easures, such as personal protective equipment</b> <b>iygienic measures:</b> measures are to be adhered to when handling chemicals. (fs, beverages and feed.	



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Avoid contact with the eyes. Avoid contact with the eyes and skin. According to EC Directive 89/686/EEC

#### • Respiratory protection:

Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Beware: Filter masks provide protection for a short period of time only. They should only be used in exceptional cases, that is if a small amount of the substance has spilled out or in order to fight spillages and fire.

according EN 14387 according to EN 143 • Hand protection



Protective gloves

according to EN 374

To avoid skin problems reduce the wearing of gloves to the required minimum.

Only use chemical-protective gloves with CE-labelling of category III.

Sensibilisation by the components in the glove materials is possible.

Check the permeability prior to each anewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Prior to working with gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of skin softening due to perspiration is recommended.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Butyl rubber, BR

Recommended thickness of the material:  $\geq 0.7 \text{ mm}$ 

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 3).

*Value for the permeation: Level*  $\leq$  *3* 

• For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

Natural rubber, NR Butyl rubber, BR

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· Eye/face prot	ection		
	Tightly sealed goggles		

according to EN 166 • **Body protection:** Light weight protective clothing Protective work clothing

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SECTION 9: PR	ysical and	chemical	properties

• 9.1 Information on basic physical and chemical p • General Information	roperties
· Physical state	Fluid
Colour:	Colourless
Odour:	Alcohol-like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	55°C (131°F)
Flammability	Highly flammable.
Lower and upper explosion limit	
Lower:	2 Vol %
Upper:	12 Vol %
Flash point:	< 23°C (< 73.4°F)
Ignition temperature:	>400°C (>752°F)
Decomposition temperature:	Not determined.
pH	Mixture is non-polar/aprotic.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20°C (68°F):	48 hPa (36 mm Hg)
Density and/or relative density	
Density at 20°C (68°F):	0.8 g/cm <sup>3</sup> (6.68 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health an	d
environment, and on safety.	
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Solvent content:	
Organic solvents:	>90 %
Change in condition	~ ~ . ~
Evaporation rate	Not determined.
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Information with regard to physical hazard c	lasses	
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Highly flammable liquid and vapour.	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamma	able	
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

## **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions
- Forms explosive gas mixture with air.

Reacts with acids, alkalis and oxidising agents.

- 10.4 Conditions to avoid No further relevant information available.
- $\cdot$  10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

### **SECTION 11: Toxicological information**

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

· LD/LC50	· LD/LC50 values relevant for classification:		
CAS: 67-0	63-0 propai	n-2-ol	
Oral	LD50	4,570 mg/kg (rat)	
Dermal	LD50	13,400 mg/kg (rab)	
Inhalative	LC50/4 h	30 mg/l (rat)	
CAS: 67-0	CAS: 67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)	
Dermal	LD50	20,000 mg/kg (rbt)	
		rritation Causes serious eye irritation.	
• STOT-sin	gle exposu	<b>e</b> May cause drowsiness or dizziness.	
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### · 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

# **SECTION 12: Ecological information**

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment Not applicable.
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- 12.6 Endocrine disrupting properties

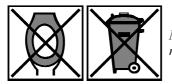
The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- Additional ecological information:
- · General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### **SECTION 13: Disposal considerations**

· 13.1 Waste treatment methods

### • Recommendation



*Must not be disposed together with household garbage. Do not allow product to reach sewage system.* 

Contact manufacturer for recycling information.

#### · Waste disposal key:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

• Uncleaned packaging:

#### · Recommendation:

Disposal must be made according to official regulations.

Packaging which is uncleaned or soiled with product remains is to be treated like the product itself Packaging free of product remains is to be supplied refuse for recycling. Only if no adequate collecting system is available, they may be disposed of through the domestic rubbish

• *Recommended cleansing agents:* Water, if necessary together with cleansing agents.

# SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1993
<ul> <li>14.2 UN proper shipping name</li> <li>ADR</li> </ul>	UN1993 FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), ACETONE), special provision 640D
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IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (ISOPROPANO (ISOPROPYL ALCOHOL), ACETONE)
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
Class	3 Flammable liquids.
Label	3
14.4 Packing group ADR, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	33 E E C E
EMS Number: Stowage Category	F-E, <u>S-E</u> B
14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
 IATA	
Remarks:	
	24h emergency contact -
	(Dangerous goods emergency number)
	+49 172 739 6970
UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S
	(ISOPROPANOL (ISOPROPYL ALCOHOL)
	ACETONE), 3, II

# **SECTION 15: Regulatory information**

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

COUNCIL DIRECTIVE 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article (Contd. on page 11)

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*16(1) of Directive 89/391/EEC)* 

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DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC

#### GADSL - Global Automotive Declarable Substance List

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- · National regulations:

• Technical instructions (air):

Class	Share in %
NK	100.0

· Waterhazard class: .

- · Other regulations, limitations and prohibitive regulations -
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Reasons for revise

If necessary, this saftey data sheet can revised according to legal guidelines.

*Our current version for your reference is available on our website www.heimerle-meule.com* 

#### · Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### • Department issuing SDS:

Abteilung BASU - Bau/Arbeitssicherheit/Umwelt Department BASU - Construction / Occupational Safety / Environment

sds@heimerle-meule.com

#### · Contact:

Herr Thomas Knuth thomas.knuth@heimerle-meule.com sds@heimerle-meule.com

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

AwSV: Ordinance on facilities for handling water-polluting substances (German regulation).

TRGS: Technical rules for hazardous substances (German regulation)

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(Contd. of page 11) ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 • \* Data compared to the previous version altered. GE