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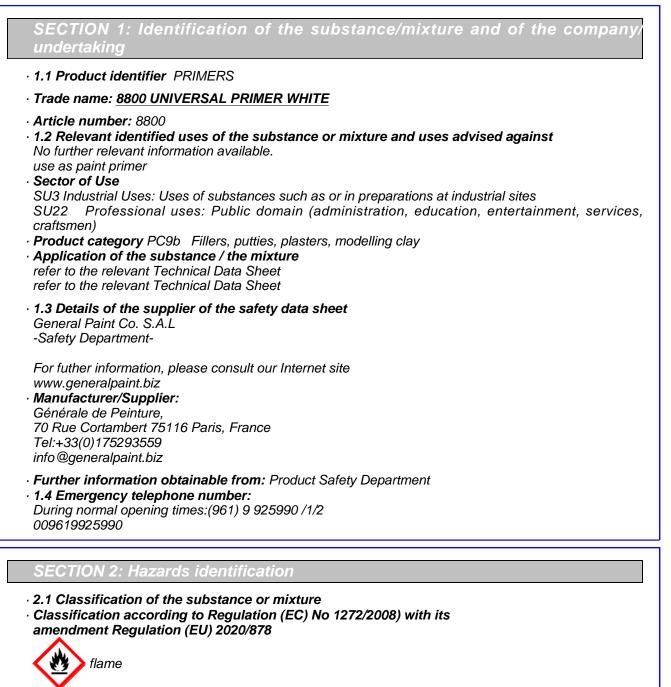
### Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

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

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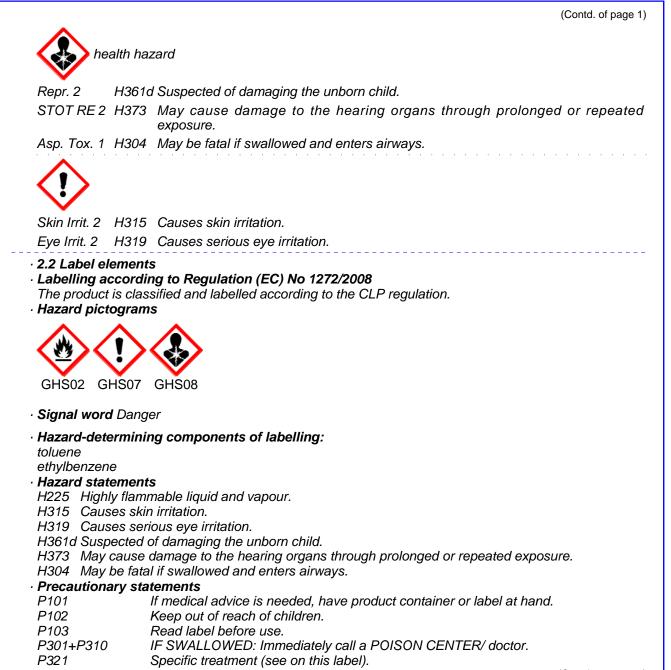
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P331	Do NOT induce vomiting.
P303+P361+P	353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.
· Additional info	
14/2	where we arise his dwards to we are he forward where an usual De wet has a the second second state

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

· 2.3 Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

108-88-3		>10- <i>≤</i> 25%
	� Flam. Liq. 2, H225; � Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; � Skin Irrit. 2, H315; STOT SE 3, H336	
13463-67-7	titanium dioxide	>10- <i>≤</i> 25%
	😵 Carc. 2, H351	
108-10-1	4-methylpentan-2-one	>2.5- <i>≤</i> 10%
	♦ Flam. Liq. 2, H225; ♦ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	
1330-20-7	xylene	>2.5- <i>≤</i> 10%
	Flam. Liq. 3, H226;  Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
67-63-0	propan-2-ol	>2.5- <i>≤</i> 10%
	🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	
123-86-4	n-butyl acetate	>2.5- <i>≤</i> 10%
	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	
117-84-0	dioctyl phthalate	>2.5- <i>≤</i> 10%
	🕹 Repr. 2, H361	
	(C	ontd. on page



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	D)	ontd. of page 3)
	butanone	<i>≤</i> 2.5%
	🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	
	ethylbenzene	<i>≤</i> 2.5%
	🚸 Flam. Liq. 2, H225; 🚸 STOT RE 2, H373; Asp. Tox. 1, H304; 🚸 Acute Tox. 4, H332	
Additional information: For the wording of the listed bazard phrases refer to section 16		

**ormation:** 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:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- · After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

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

- · 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.

- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

### SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions: Dilute with plenty of water.

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(Contd. of page 4) 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 section 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 Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols. · Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available. · 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: Store in a cool location. · Information about storage in one common storage facility: Not required. · Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles. · Storage class: 3 · 7.3 Specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection · 8.1 Control parameters · Additional information about design of technical facilities: No further data; see section 7.

#### · Ingredients with limit values that require monitoring at the workplace:

#### 108-88-3 toluene

IOELV (EU) Short-term value: 384 mg/m<sup>3</sup>, 100 ppm Long-term value: 192 mg/m<sup>3</sup>, 50 ppm Skin

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108-10-1 4-	methylpentan-2-one
IOELV (EU)	Short-term value: 208 mg/m³, 50 ppm Long-term value: 83 mg/m³, 20 ppm
1330-20-7 x	ylene
IOELV (EU)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Skin
123-86-4 n-	butyl acetate
IOELV (EU)	Short-term value: 723 mg/m³, 150 ppm Long-term value: 241 mg/m³, 50 ppm
78-93-3 but	anone
IOELV (EU)	Short-term value: 900 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm
100-41-4 et	hylbenzene
IOELV (EU)	Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin
<ul> <li>8.2 Exposu</li> <li>Personal products</li> <li>General products</li> <li>Keep away</li> <li>Immediately</li> <li>Wash hands</li> <li>Store protect</li> <li>Avoid contait</li> <li>Respiratory</li> <li>In case of b</li> </ul>	rotective equipment: betective and hygienic measures: from foodstuffs, beverages and feed. remove all soiled and contaminated clothing s before breaks and at the end of work. etive clothing separately. ct with the eyes and skin. r protection: rrief exposure or low pollution use respiratory filter device. In case of intensive or longer the self-contained respiratory protective device.
PI	rotective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

#### · 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

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(Contd. of page 6) substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

· Eye protection:



Tightly sealed goggles

9.1 Information on basic physical a	nd chemical properties
General Information	
Appearance: Form:	Liquid
Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling ra	nge: 82 °C
Flash point:	-5 °C
Flammability (solid, gas):	Highly flammable.
Auto-ignition temperature:	370 °C
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosiv air/vapour mixtures are possible.
Explosion limits:	
Lower:	1.2 Vol %
Upper:	7 Vol %
Vapour pressure at 20 °C:	29 hPa
Vapour pressure at 50 °C:	124 hPa

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· Density at 20 °C:	1.326 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	40.3 %
Water:	0.1 %
VOC (EC)	534.4 g/l
Solids content:	31.3 %
· 9.2 Other information	No further relevant information available.

### 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 No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 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 toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

108-10-1 4-methylpentan-2-one		
Oral	LD50	2,080 mg/kg (rat)
Dermal	LD50	16,000 mg/kg (rab)
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Inhalative LC50/4 h 11 mg/l (ATE)

8.3-16.6 mg/l (rat)

- · Primary irritant effect:
- Skin corrosion/irritation Causes skin irritation.
- · Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Suspected of damaging the unborn child.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure
   May cause damage to the hearing organs through prolonged or repeated exposure.
   Aspiration hazard
- May be fatal if swallowed and enters airways.

### 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.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

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### 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.

- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agents: Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN1263
<ul> <li>· 14.2 UN proper shipping name</li> <li>· ADR</li> <li>· IMDG, IATA</li> </ul>	1263 PAINT PAINT
· 14.3 Transport hazard class(es)	NOT APPLICABLE
ADR, IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group · ADR, IMDG, IATA	11
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
<ul> <li>Hazard identification number (Kemler code):</li> </ul>	33
· EMS Number:	F-E, <u>S-E</u>
· Stowage Category	В
<ul> <li>14.7 Transport in bulk according to Annex II o Marpol and the IBC Code</li> </ul>	f Not applicable.
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· Transport/Additional information:	(Contd. of page 1
· ADR	<i>c</i> /
<ul> <li>Limited quantities (LQ)</li> </ul>	5L
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
·IMDG	
<ul> <li>Limited quantities (LQ)</li> </ul>	5L
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, II

#### SECTION 15: Regulatory information

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

#### · Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.

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H336 May cause drowsiness or dizziness.	· · · ·
H351 Suspected of causing cancer.	
H361 Suspected of damaging fertility or the unborn child.	
H361d Suspected of damaging the unborn child.	_
H373 May cause damage to organs through prolonged or repe	eated exposure.
· Department issuing SDS: Product safety department	
· Contact: N/A	
<ul> <li>Abbreviations and acronyms:</li> </ul>	
RID: Règlement international concernant le transport des marchandises danger	euses par chemin de fer (Regulations Concerning
the International Transport of Dangerous Goods by Rail)	·····
ICAO: International Civil Aviation Organisation	
ADR: Accord relatif au transport international des marchandises dangereuses	par route (European Agreement Concerning th
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)	
VOC: Volatile Organic Compounds (USA, EU)	
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	
Flam. Liq. 3: Flammable liquids – Category 3	
Acute Tox. 4: Acute toxicity – Category 4	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
Carc. 2: Carcinogenicity – Category 2	
Repr. 2: Reproductive toxicity – Category 2 Popr. 2: Reproductive toxicity – Category 2	
Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
STOT SE 5. Specific target organ toxicity (single exposure) – Category 5 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
Asp. Tox. 1: Aspiration hazard – Category 1	
$\cdot$ * Data compared to the previous version altered.	
· Data compared to the previous version altered.	
	LB/A