

23.01.2023	Kit components	
Product code	Description	
85107	PU Kit - cartridge 85107	
Components:		
86596	UREFIX 60	
34992	SCREEN PREP WIPE	
86513	Primer Black	



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Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 23 (replaces version 22)

Revision: 17.01.2023

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

- 1.1 Product identifier
- Trade name: UREFIX 60
- · Article number: 86596
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
- Application of the substance / the mixture

Sealant Adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: KENT (United Kingdom) Ltd Forsyth House Pitreavie Drive Pitreavie Business Park Dunfermline Fife KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm Fax: +44 1383 620079 SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

SECTION 2: Hazards identification

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



Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Skin Sens. 1 H317 May cause an allergic skin reaction.

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:** Aliphatic polyisocyanate

diphenylmethane-4-4'-di-isocyanate

Hazard statements

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

Precautionary statements

P261Avoid breathing vapours.P280Wear protective gloves / eye protection.

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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.	
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
Additional information:	
Contains isocyanates. May produce an allergic reaction.	
As from 24 August 2023 adequate training is required before industrial or professional use.	
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 the substances listed below with harmless additions.

Dangerous components: CAS: 28553-12-0 10-50% diisononvl phthalate EINECS: 249-079-5 substance with a Community workplace exposure limit Reg.nr.: 01-2119430798-28 CAS: 28182-81-2 Aliphatic polyisocyanate <5% EC number: 931-274-8 🚯 Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 Reg.nr.: 01-2119485796-17 CAS: 101-68-8 diphenylmethane-4-4'-di-isocyanate <1% & Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ① Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 EINECS: 202-966-0 Reg.nr.: 01-2119457014-47 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; C ≥ 5 %

• 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

· After inhalation

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

Instantly remove any clothing soiled by the product.

If skin irritation continues, consult a doctor.

- After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- · After swallowing Do not induce vomiting; instantly call for medical help.
- * 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

Use fire fighting measures that suit the environment.

- CO2, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.
- 5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

Protective equipment: Do not inhale explosion gases or combustion gases. Wear self-contained breathing apparatus. Wear full protective suit.

Additional information

Cool endangered containers with water spray jet.

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Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

· 6.2 Environmental precautions: Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up:

Allow to solidify. Collect mechanically.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of 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 information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Keep containers tightly sealed. Keep away from heat and direct sunlight.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities · Storage

Requirements to be met by storerooms and containers: Store in cool location.

· Information about storage in one common storage facility: Not required. · Further information about storage conditions:

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed containers.

Storage class 12

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

SECTION 8: Exposure controls/personal protection

[·] 8.1 Col	ntrol parameters	
· Сотро	nents with limit values a	that require monitoring at the workplace:
28553-12	2-0 diisononyl phthalate	
WEL Lo	ng-term value: 5 mg/m³	
101-68-8	diphenylmethane-4-4'-di-i	socyanate
Lo	ort-term value: 0.07 mg/m³ ng-term value: 0.02 mg/m³ n; as -NCO	
Regula	tory information WEL: El	140/2020
[·] DNELs		
1333-86-	4 Carbon black	
Inhalative	Long term systemic effect	2 mg/m³ (Worker)
	Long term local effect	2 mg/m³ (Worker)
28553-12	2-0 diisononyl phthalate	
Dermal	Long term systemic effect	366 mg/kg (Worker)
Inhalative	Long term systemic effect	51.72 mg/m3 (Worker)
28182-81	-2 Aliphatic polyisocyana	e
Inhalative	e Acute local effect	1 mg/m3 (Worker)
	Long term local effect	0.5 mg/m3 (Worker)
· PNECs		
28553-12	2-0 diisononyl phthalate	
PNEC 3	0 mg/kg (Soil)	
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20102	-81-2 Aliphatic polyisocyanate (Contd. of page 3
	0.127 mg/l (Aqua (freshwater))
FNLC	1.27 mg/l (Aqua (intermittent))
	0.0127 mg/ (Aqua (marine water))
	266,700 mg/kg (Freshwater sediment)
	26,670 mg/kg (Marine water sediment)
	38.3 mg/l (Sewage treatment plant)
	53.182 mg/kg (Soil)
-	dients with biological limit values:
	3-8 diphenylmethane-4-4'-di-isocyanate
DIVIGV	/ 1 μmol creatinine/mol Medium: urine
	Sampling time: At the end of the period od exposure
	Parameter: isocyanate-derived diamine
Addit	ional information: The lists that were valid during the compilation were used as basis.
8 2 F	xposure controls
	opriate engineering controls No further data; see item 7.
	idual protection measures, such as personal protective equipment
	ral protective and hygienic measures
	away from foodstuffs, beverages and food.
	off immediately all contaminated clothing
	hands during breaks and at the end of the work.
	t inhale dust / smoke / mist.
	hing equipment: e good ventilation. If this is not sufficient breathing protection must be used so that the vaporisation level is held under the workplac
limit.	
	A (EN 141)
Hand	protection
1112	Protective gloves.
U	Theelive gloves.
The glo	ove 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.
	ion of the glove material on consideration of the penetration times, rates of diffusion and the degradation
	ial of gloves
	0.35 mm) suitable gloves tested to EN 374
	election of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufactur
to man	nufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in
	ce and has therefore to be checked prior to the application.
	tration time of glove material
	for the permeation: Level 6 > 480 minutes (act break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
	ace protection
$(\cap$	
Co.	Safety glasses (EN 166)
Body	protection: Protective work clothing (EN-13034/6)
	· · · · · · · · · · · · · · · · · · ·
SECT	ION 9: Physical and chemical properties
9 1 In	nformation on basic physical and chemical properties

9.1 Information on basic physical and chemical properties oral Info

General Information		
· Physical state	Fluid	
· Colour:	Black	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	

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Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable
Decomposition temperature:	Not determined.
pH	Mixture is non-polar/aprotic.
Viscosity:	· ·
Kinematic viscosity	Not determined.
dynamic at 20 °C:	300000 - 420000 cps (UNI EN ISO 3219)
Solubility	
Water:	Not miscible / difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C	1.34 g/cm³ (ISO 1183-1 A)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Pasty
Important information on protection of health and	i usiy
environment, and on safety.	
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not explosive.
Solvent content:	Troduct is not explosive.
Organic solvents:	NIL VOC
Change in condition	NIE VOO
Evaporation rate	Not determined.
•	
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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 flammable gases	
in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals 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: To avoid thermal decomposition do not overheat.

- * 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.

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* 10.6 Hazardous decomposition products: No dangerous decomposition products known

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SECTION 11: Toxicological information

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

· Acute toxicity Based on available data, the classification criteria are not met. · LD/LC50 values that are relevant for classification:

1333-86-4 Carbon black

1555-00-4	1355-00-4 Carbon black		
Oral	LD50	10,000 mg/kg (Rat)	
28182-81-	28182-81-2 Aliphatic polyisocyanate		
Oral	LD50	>2,500 mg/kg (Rat)	
Dermal	LD50	>2,000 mg/kg (Rat)	
101-68-8 (diphenylmet	hane-4-4'-di-isocyanate	
Oral	LD50	>5,000 mg/kg (Rat)	
Dermal	LD50	>5,000 mg/kg (Rabbit)	
Inhalative	LC50 (4 hr)	0.49 mg/l (Rat)	
Respirat	ory or skin	sensitisation	

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information 12.1 Toxicity · Aquatic toxicity: 1333-86-4 Carbon black EC50 (24 hr) >5,600 mg/l (Daphnia magna) (OECD 202) LC50 (96 hr) >1,000 mg/l (Brachydanio rerio) (OECD 203) 28553-12-0 diisononyl phthalate >88 mg/l (Algae (Scenedesmus subspicatus)) FC50 LC50 (48 hr) >74 mg/l (Daphnia magna) LC50 (96 hr) >102 mg/l (Brachydanio rerio) 28182-81-2 Aliphatic polyisocyanate EC10 >100 /48 hr (Daphnia magna) (OECD 202) EC50 (72 hr) 3,828 mg/l (Activated sludge) (OECD 209) LC50 (96 hr) >100 mg/l (Brachydanio rerio) 101-68-8 diphenylmethane-4-4'-di-isocyanate LC50 (96 hr) >1,000 mg/l (Fish) NOEC 1,640 mg/l (Algae) (Desmodesmus subspicatus) 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 · 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: Generally not hazardous for water.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

• Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Void	
• 14.2 UN proper shipping name • ADR, ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
· ADR, ADN, IMDG, IATA · Class	Void	
14.4 Packing group ADR, IMDG, IATA	Void	
• 14.5 Environmental hazards: • Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk according instruments	to IMO Not applicable.	
• Transport/Additional information:	Not dangerous according to the above specifications.	
· UN "Model Regulation":	Void	

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.
- National regulations
- Technical instructions (air):

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Class Share in %
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I 0.9

· Water hazard class: Generally not hazardous for water.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation.

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.

EUH204 Contains isocyanates. May produce an allergic reaction.

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· Department issuing data specification sheet: Environment protection department	
Abbreviations and acronyms:	
RID: (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation	
ICAC, International Civin Avalation Organisation ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road)	
ADA: European Agreen Agreen Concerning the merinational carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods	
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)	
DNEL: Derived No-Effect Level (UK REACH)	
PNEC: Predicted No-Effect Concentration (UK REACH)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
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	
Eye Init. 2. Serious eye damagereye initiatum – Category 2 Resp. Sens. 1: Respiratory sensitisation – Category 1	
Skin Sens. 1: Skin sensitisation – Category 1	
Carc. 2: Carcinogenicity – Category 2	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
STOT RE 2: Specific target organ toxicit/ (repeated exposure) – Category 2	
· Data compared to the previous version altered. *	
Data compared to the previous version altered.	GB



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

- 1.1 Product identifier
- Trade name: <u>SCREEN PREP WIPE</u>
- · Article number: 34992
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
- Application of the substance / the mixture Cleaner solvent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: KENT (United Kingdom) Ltd Forsyth House Pitreavie Drive Pitreavie Business Park Dunfermline Fife KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm Fax: +44 1383 620079 SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

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. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 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
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. P261 Avoid breathing vapours.

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Trade name: SCREEN PREP WIPE

D 000	14/		ontd. of page 1)
	Wear protective gloves / eye protect IF IN EYES: Rinse cautiously with y	ction. water for several minutes. Remove contact lenses, if present and easy to	do
	Continue rinsing.		
	Store in a well-ventilated place. Kee		
		cordance with local/regional/national/international regulations.	
Hazard pictogra	kages where the contents do	not exceed 125 mi	
<u> </u>	>		
GHS02 GHS0)7		
· Signal word Dan	ger		
Hazard-determi	ning components of labelling.	:	
Propan-2-ol			
· Hazard stateme			
2.3 Other haza			
	and vPvB assessment		
• PBT: Not applicab			
• vPvB: Not applica	ble.		
SECTION 3: Cor	nposition/information on ingr	redients	
⁻ 3.2 Mixtures			
3.2 MIXIUIES			
· Description: Mix	ture of the substances listed below	with harmless additions.	
· Dangerous com	ponents:		
CAS: 67-63-0	Propan-2-ol	🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	75-100%
EINECS: 200-661-			
Reg.nr.: 01-211945	1/558-25		1

· 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
- · After inhalation Supply fresh air; consult doctor in case of symptoms.
- After skin contact

Instantly wash with water and soap and rinse thoroughly.

- Generally the product is not skin irritating.
- After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- · After swallowing In case of persistent symptoms 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, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters

· Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.

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Dilute with much water.

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Trade name: SCREEN PREP WIPE

See Secti See Secti	dequate ventilation. erence to other section on 7 for information on safe on 8 for information on pers on 13 for information on disp	handling onal protection equipment.	
SECTIO	N 7: Handling and stora	nge	
Ensure go Prevent fo Informa Keep ignit	cautions for safe han bod ventilation/exhaustion at prmation of aerosols. tion about protection ag tion sources away - Do not s gainst electrostatic charges.	t the workplace. gainst explosions and fires:	
Storage Require Informat Further Keep con Store in c Storage	ments to be met by stor tion about storage in or information about stora tainer tightly sealed. ool, dry conditions in well se class 3	-	
	N 8: Exposure controls, trol parameters	/personal protection	
Compor		hat require monitoring at the workplace:	
Compor 67-63-0 P WEL Sho	propan-2-ol prt-term value: 1250 mg/m³,	500 ppm	
Compor 67-63-0 P WEL Sho Lon	ropan-2-ol prt-term value: 1250 mg/m³, g-term value: 999 mg/m³, 40	500 ppm 00 ppm	
Compor 67-63-0 P WEL Sho Lon Regulat	propan-2-ol prt-term value: 1250 mg/m³,	500 ppm 00 ppm	
Compor 67-63-0 P WEL Sho Lon Regulat DNELs	ropan-2-ol ort-term value: 1250 mg/m³, g-term value: 999 mg/m³, 40 ory information WEL: EF	500 ppm 00 ppm	
Compor 67-63-0 P WEL Sho Lor Regulate DNELs 67-63-0 P	ropan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF ropan-2-ol	500 ppm 00 ppm 140/2020	
Compor 67-63-0 P WEL Sho Lor Regulate DNELs 67-63-0 P Oral	ropan-2-ol ort-term value: 1250 mg/m³, g-term value: 999 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer)	
Compor 67-63-0 P WEL Sho Lor Regulate DNELs 67-63-0 P	ropan-2-ol ort-term value: 1250 mg/m³, g-term value: 999 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer)	
Compor 67-63-0 P WEL Sho Lor Regulate DNELs 67-63-0 P Oral Dermal	ropan-2-ol ort-term value: 1250 mg/m³, g-term value: 999 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker)	
Compor 67-63-0 P WEL Sho Lor Regulate DNELs 67-63-0 P Oral Dermal	Propan-2-ol ort-term value: 1250 mg/m³, 4 g-term value: 999 mg/m³, 4 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker)	
Compor 67-63-0 P WEL Sho Lon Regulat DNELS 67-63-0 P Oral Dermal Inhalative	Propan-2-ol ort-term value: 1250 mg/m³, 4 g-term value: 999 mg/m³, 4 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer)	
Compor 67-63-0 P WEL Sho Lorr Regulat DNELS 67-63-0 P Oral Dermal Inhalative PNECS	Propan-2-ol ort-term value: 1250 mg/m³, 4 g-term value: 999 mg/m³, 4 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer)	
Compor 67-63-0 P WEL Sho Lorr Regulate DNELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P PNEC 14	ropan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect Propan-2-ol 10.9 mg/l (Aqua (freshwater))	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer) 500 mg/m3 (Worker))	
Compor 67-63-0 P WEL Sha VWEL Sha Regulate DNELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P 67-63-0 P PNECs 67-63-0 P 14	Propan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.01 term systemic effect 0.02 mg/l (Aqua (freshwater)) 0.03 mg/l (Aqua (intermittent)	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer) 500 mg/m3 (Worker))	
Compor 67-63-0 P WEL Sha Lorr Regulate DNELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P PNECs 67-63-0 P PNEC 14 14	Propan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.09 mg/l (Aqua (freshwater)) 0.9 mg/l (Aqua (marine wate))	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer) 500 mg/m3 (Worker)))) er))	
Compor 67-63-0 P WEL Sha Lorr Regulat DNELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P PNECs 67-63-0 P 14 14 14 55	ropan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF ropan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 0.9 mg/l (Aqua (marine water)) 0.9 mg/l (Aqua (marine water)) 0.9 mg/l (Aqua (marine water))	500 ppm 500 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m³ (Consumer) 500 mg/m3 (Worker))))) er)) er)) ent)	
Compor 67-63-0 P WEL Sha Lorr Regulat DNELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P PNECs 67-63-0 P PNECs 67-63-0 F PNEC 14 14 55	Propan-2-ol prt-term value: 1250 mg/m³, 40 pg-term value: 999 mg/m³, 40 pory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 10.9 mg/l (Aqua (intermittent, 10.9 mg/l (Aqua (marine wate)) 10.9 mg/l (Aqua (marine))	500 ppm 500 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m³ (Consumer) 500 mg/m3 (Worker))))) er)) er)) ent) ment)	
Compor 67-63-0 P WEL Sha Lorr Regulat DNELs 67-63-0 67-63-0 P Oral Dermal Inhalative 14 67-63-0 P PNECs 67-63-0 67-63-0 P PNECs 55 55 2,	Propan-2-ol ort-term value: 1250 mg/m³, 40 ort-term value: 999 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 40.9 mg/l (Aqua (intermittent)) 40.9 mg/l (Aqua (marine wate)) 52 mg/kg (Freshwater sedim) 52 mg/kg (Marine water sedim) 52 mg/kg (Marine water sedim) 52 mg/kg (Sewage treatmen)	500 ppm 500 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m³ (Consumer) 500 mg/m3 (Worker))))) er)) er)) ent)	
Compor 67-63-0 P 67-63-0 P Regulat DnELs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P PNECs 14 55 55 2, 28	Propan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 10.9 mg/l (Aqua (intermittent)) 10.9 mg/l (Aqua (marine water)) 10.9 mg/l (Soil)	500 ppm 90 ppm 940/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m³ (Consumer) 500 mg/m3 (Worker)))) er)) er)) ent) ment) t plant) (Assessment factor 1)	
Compor 67-63-0 P WEL Sha Lorr Regulation 0ral Dermal Inhalative PNECs 67-63-0 P Oral Dermal Inhalative PNECs 67-63-0 P 20 Addition	Propan-2-ol ort-term value: 1250 mg/m³, 4 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 0.9 mg/l (Aqua (intermittent)) 0.9 mg/l (Aqua (marine water)) 20.9 mg/l (Aqua (marine water)) 21 mg/kg (Soil) 22 mg/kg (Soil) 23 mg/kg (Soil) 24 mg/kg (Soil) 25 mg/kg (Soil) <	500 ppm 500 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m³ (Consumer) 500 mg/m3 (Worker))))) er)) er)) ent) ment)	
Compor 67-63-0 P WEL Sho Lorr Regulate DNELS 67-63-0 P Oral Dermal Inhalative PNECS 67-63-0 P PNEC 14 14 55 2, 28 Addition 8.2 Exp Appropri Individu	ropan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF ropan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 10.9 mg/l (Aqua (intermittent)) 10.9 mg/l (Aqua (marine water)) 10.9 mg/l (Soil) 11 information: The lists Osure controls riate engineering controls riate engineering controls riate engineering controls	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer) 500 mg/m ³ (Worker))) erl) erl) erl) ment) t plant) (Assessment factor 1) that were valid during the compilation were used as basis. DIS No further data; see item 7. c, such as personal protective equipment	
Compor 67-63-0 P WEL Sho Lorr Regulate DNELS 67-63-0 P Oral Dermal Inhalative PNECS 67-63-0 P PNEC 14 14 55 55 2, 28 Additior 8.2 Exp Appropri Individu General	Propan-2-ol ort-term value: 1250 mg/m³, 40 ory information WEL: EF Propan-2-ol Long term systemic effect Long term systemic effect Long term systemic effect Long term systemic effect 0.9 mg/l (Aqua (freshwater)) 10.9 mg/l (Aqua (intermittent) 10.9 mg/l (Aqua (marine water) 20.9 mg/l (Aqua (marine water)) 21 mg/l (Sewage treatment) 22 mg/kg (Soil) mal information: The lists Osure controls	500 ppm 00 ppm 140/2020 26 mg/kg/day (Consumer) 319 mg/kg/day (Consumer) 888 mg/kg bw/day (Worker) 89 mg/m ³ (Consumer) 500 mg/m ³ (Worker))) erl) erl) ment) t plant) (Assessment factor 1) that were valid during the compilation were used as basis. DIS No further data; see item 7. c, such as personal protective equipment c measures	(Contd. on page

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Take off immediately all contaminated clothing Wash hands during breaks and at the end of the work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Breathing equipment:

Use breathing protection in case of insufficient ventilation. Filter A2 / P3 (EN 14387)

• Hand protection



Protective 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 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/face protection



Tightly sealed safety glasses. (EN 166)

9.1 Information on basic physical and chemical p	roperties	
General Information		
Physical state	Fluid	
Colour:	Colourless	
Odour:	Alcohol-like	
Odour threshold:	Not determined.	
Melting point/freezing point:	-89.5 °C	
Boiling point or initial boiling point and boiling range	82 °C	
Flammability	Highly flammable.	
Lower and upper explosion limit		
Lower:	2 Vol %	
Upper:	12 Vol %	
Flash point:	12 °C	
Ignition temperature:	425 °C	
Decomposition temperature:	Not determined.	
рН	Mixture is non-soluble (in water).	
Viscosity:		
Kinematic viscosity	Not determined.	
dynamic:	Not determined.	
Solubility		
Water at 20 °C:	1.000 g/l	
Partition coefficient n-octanol/water (log value)	Not determined.	
Vapour pressure at 20 °C:	43 hPa	
Density and/or relative density		
Density at 20 °C	0.785 g/cm³	
Relative density	Not determined.	
Vapour density	Not determined.	

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9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and	
environment, and on safety.	
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Solvent content:	
Organic solvents:	785 g/l VOC
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
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 flammable ga	ses
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 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

67-63-0 Propan-2-ol

Oral LD50 5,840 mg/kg (Rat)

Dermal LD50 13,400 mg/kg (Rabbit)

• Serious eye damage/irritation Causes serious eye irritation.

• STOT-single exposure May cause drowsiness or dizziness.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

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· ADR

· ADR

Label

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(Contd. of page 5) SECTION 12: Ecological information 12.1 Toxicity · Aquatic toxicity: 67-63-0 Propan-2-ol 13,299 mg/l (Daphnia magna) EC50 (48 hr) LC50 (24 hr) 9,714 mg/l (Daphnia magna) LC50 (96 hr) 4,200 mg/l (FSH) (dynamic) 9,640 mg/l (Pimephales promelas) LOEC (8 days) 1,000 mg/l (Algae) * 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 · 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. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. SECTION 13: Disposal considerations 13.1 Waste treatment methods * Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Uncleaned packagings: · Recommendation: Disposal must be made according to official regulations. Recommended cleaning agent: Water, if necessary with cleaning agent. SECTION 14: Transport information [•] 14.1 UN number or ID number · ADR, IMDG, IATA UN1219 14.2 UN proper shipping name 1219 ISOPROPANOL (ISOPROPYL ALCOHOL) solution · IMDG, IATA ISOPROPANOL (ISOPROPYL ALCOHOL) 14.3 Transport hazard class(es) · Class 3 (F1) Flammable liquids. · Label 3 IMDG, IATA Class 3 Flammable liquids.

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· 14.4 Packing group · ADR, IMDG, IATA	11
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user Kemler Number: Stowage Category	Warning: Flammable liquids. 33 B
14.7 Maritime transport in bulk accordin instruments	ng to IMO Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category Tunnel restriction code	2 D/E
IMDG Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL) SOLUTION, 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

· National regulations

• Technical instructions (air):

Class Share in % NK 95.0

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

* 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they 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. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness

· Department issuing data specification sheet: Environment protection department

Abbreviations and acronyms:

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

IATA: International Mainteneous Cost of Statistics Costs 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)

DNEL: Derived No-Effect Level (UK REACH) PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

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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 Define and the percent of the p

Data compared to the previous version altered. *



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Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 4 (replaces version 3)

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

- 1.1 Product identifier
- · Trade name: Primer Black
- · Article number: 86513
- 1.2 Relevant identified uses of the substance or mixture and uses advised against FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
- · Application of the substance / the mixture Priming
- 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: KENT (United Kingdom) Ltd Forsyth House Pitreavie Drive Pitreavie Business Park Dunfermline Fife KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm Fax: +44 1383 620079

SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

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.



health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3

H336 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: diphenylmethane-4-4'-di-isocyanate Butanone 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

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Trade name: Primer Black

Hazard statements

- H225 Highly flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H336 May cause drowsiness or dizziness.

• Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

- Contains isocyanates. May produce an allergic reaction.
- As from 24 August 2023 adequate training is required before industrial or professional use.
- Labelling of packages where the contents do not exceed 125 ml
- · Hazard pictograms



Signal word Danger

· Hazard-determining components of labelling:

diphenylmethane-4-4'-di-isocyanate

- Butanone
- 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
- Hazard statements
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Precautionary statements
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear protective gloves / eye protection.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- P501 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 the substances listed below with harmless additions.

CAS: 78-93-3	Butanone	50-75%
EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	
CAS: 101-68-8 EINECS: 202-966-0 Reg.nr.: 01-2119457014-47	diphenylmethane-4-4'-di-isocyanate	<1%
CAS: 4098-71-9 EINECS: 223-861-6 Reg.nr.: 01-2119490408-31	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate ♦ Acute Tox. 1, H330; ♦ Resp. Sens. 1, H334; ♦ Aquatic Chronic 2, H411; ♦ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 %	<0.5%

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· After inhalation Supply fresh air; consult doctor in case of symptoms.

- · After skin contact Instantly wash with water and soap and rinse thoroughly.
- After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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- · After swallowing Do not induce vomiting; instantly call for medical help.
- 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, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam. • For safety reasons unsuitable extinguishing agents Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable containers. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of 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 information on disposal.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Keep away from heat and direct sunlight. Store in cool, dry place in tightly closed containers. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Fumes can combine with air to form an explosive mixture. Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements to be met by storerooms and containers: Store in cool location.
- Information about storage in one common storage facility:
- Do not store together with oxidising and acidic materials. Do not store together with alkalis (caustic solutions). Store away from water.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers. Protect from heat and direct sunlight.
- Storage class 3
- 7.3 Specific end use(s) No further relevant information available.

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Trade name: Primer Black

8. 1 Control parameters Components with limit values that require monitoring at the workplace: 78-33-3 Butanone 78-33-3 Butanone 78-34-3 Butanone 78-34-3 Butanone 79-101-88-4 DiphonyInterthane-44-di-isocyanate 79-101-88-4 DiphonyInterthane-44-DiphonyInterth	SECTI	ION 8: Exposure controls/personal protection
Components with limit values that require monitoring at the workplace: PR33-30 Biomane WEEL Stort-term value: 80 mg/m; 300 ppm WEEL Stort-term value: 40 mg/m; 300 ppm Unit Provide Stort term value: 40 mg/m; 300 ppm Stort-term value: 40 mg/m; 300 ppm WEEL Stort-term value: 40 mg/m; 300 ppm Stort-term value: 40 mg/m; 300 ppm Stort-term value: 40 mg/m; 300 mg/m;		
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	n be given for the product/ the preparation/ the chemical mixture. n times, rates of diffusion and the degradation material, but also on further marks of quality and varies from manufacturer nces, the resistance of the glove material can not be calculated in
SECTION 9: Physical and chemical properties	
9.1 Information on basic physical and chemical p	roperties
General Information	
Physical state	Fluid
Colour:	Black
· Odour:	Solvent-like
Odour threshold:	Not determined.
• Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	80 °C
Flammability	Highly flammable.
Lower and upper explosion limit	
Lower:	0.8 Vol %
Upper:	11.5 Vol %
Flash point:	-10 °C (DIN 51755)
Ignition temperature:	400 °C
Decomposition temperature:	Not determined.
· pH	Mixture is non-polar/aprotic.
Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic: · Solubility	Not determined.
· Solubility · Water:	Not missible / difficult to mix
· Partition coefficient n-octanol/water (log value)	Not miscible / difficult to mix
· Vapour pressure at 20 °C:	Not determined. 150 bar
Density and/or relative density	150 bai
Density and/or relative density	Not determined
· Relative density at 20 °C	0.94 (ISO 1183-1 A)
· Vapour density	Not determined.
9.2 Other information	
Appearance:	
· Form:	Liquid
 Important information on protection of health and onvironment, and on safety. 	
environment, and on safety. · Self-inflammability:	Product is not selfigniting
• Explosive properties:	Product is not selfigniting. Product is not explosive. However, formation of explosive air/steam
באאוספועב אוסאבווובפי	mixtures is possible.
· Solvent content:	
Organic solvents:	588 g/l VOC
- game contenter	
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according to 1907/2006/EC, Article 31

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· Change in condition		
· Evaporation rate	Not determined.	
· Information with regard to physical hazard clas	sses	
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 flammab	le 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:

To avoid thermal decomposition do not overheat.

No decomposition if used and stored according to specifications.

- * 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid Heat. Hot surfaces. Sources of ignition. Flames.
- 10.5 Incompatible materials:

Alcohols, amines, aqueous acids and alkalis Strong acids and oxidizing agents

10.6 Hazardous decomposition products: Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

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

· Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:			
78-93-3 Bi	78-93-3 Butanone		
Oral	LD50	3,300 mg/kg (Rat)	
Dermal	LD50	5,000 mg/kg (Rabbit)	
1333-86-4	1333-86-4 Carbon black		
Oral	LD50	10,000 mg/kg (Rat)	
101-68-8 d	101-68-8 diphenylmethane-4-4'-di-isocyanate		
Oral	LD50	>5,000 mg/kg (Rat)	
Dermal	LD50	>5,000 mg/kg (Rabbit)	
Inhalative	LC50 (4 hr)	0.49 mg/l (Rat)	
	Serious eye damage/irritation Causes serious eye irritation.		
• Respiratory or skin sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled.			

· STOT-single exposure May cause drowsiness or dizziness.

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GB

according to 1907/2006/EC, Article 31

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List II

Trade name: Primer Black

11.2 Information on other hazards

• Endocrine disrupting properties

78-93-3 Butanone

SECTION 12: Ecological information

[·] 12.1 Toxicity

• Aquatic toxicity:

78-93-3 Butanone

EC50 (48 hr) 308 mg/l (Daphnia magna)

LC50 (96 hr) 2,993 mg/l (Pimephales promelas)

1333-86-4 Carbon black

EC50 (24 hr) >5,600 mg/l (Daphnia magna) (OECD 202)

LC50 (96 hr) >1,000 mg/l (Brachydanio rerio) (OECD 203)

101-68-8 diphenylmethane-4-4'-di-isocyanate

LC50 (96 hr) >1,000 mg/l (Fish)

NOEC 1,640 mg/l (Algae) (Desmodesmus subspicatus)

* 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

· PBT: Not applicable.

· **vPvB:** Not applicable.

· 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

- 12.7 Other adverse effects
- Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

· Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
[•] 14.1 UN number or ID number • ADR, IMDG, IATA	UN1139	
 14.2 UN proper shipping name ADR IMDG, IATA 	1139 COATING SOLUTION, special provision 640D COATING SOLUTION	
· 14.3 Transport hazard class(es) · ADR		
Class	3 (F1) Flammable liquids.	
		(Contd. on page 8)

according to 1907/2006/EC, Article 31

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	(Contd. of pa
Label	3
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.
EMS Number:	F-E, <u>S-E</u>
Stowage Category	В
14.7 Maritime transport in bulk according instruments	t to IMO Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	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	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1139 COATING SOLUTION, SPECIAL PROVISION 640D, 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

· National regulations

• Technical instructions (air):

Class	Share in %
1	1.4
NK	55.0

- · Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- * 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· Relev	ant phrases	
H225	Highly flammable liquid and vapour.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H330	Fatal if inhaled	
H332	Harmful if inhaled.	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H351	Suspected of causing cancer.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
	6 Repeated exposure may cause skin dryness or cracking.	
	4 Contains isocyanates. May produce an allergic reaction.	
IMDG: Int IATA: Inte GHS: Glo EINECS: CAS: Che DNEL: De LD50: Lei PBT: Per: vPVB: vel Flam. Liq Acute To: Acute To: Skin Inti. Eye Inti: Resp. Se Skin Sens Carc. 2: C STOT RE	opean Agreement Concerning the International Carriage of Dangerous Goods by Road) ernational Maritime Code for Dangerous Goods rinational Air Transport Association bally Harmonised System of Classification and Labelling of Chemicals European Inventory of Existing Commercial Chemical Substances European List of Notified Chemical Substances mical Abstracts Service (division of the American Chemical Society) wived No-Effect Level (UK REACH) hal concentration, 50 percent hal dose, 50 percent sistent, Bioaccumulative and Toxic y Persistent and very Bioaccumulative 2: Flammable liquids – Category 2 4: Acute toxicity – Category 1 4: Acute toxicity – Category 1 2: Skin corrosion/irritation – Category 2 2: Skin corrosion/irritation – Category 1 5: Stins ensitisation – Category 1 5: Stins ensitisation – Category 1 5: Specific target organ toxicity (ingle exposure) – Category 2 2: Specific target organ toxicity (ingle exposure) – Category 2 2: Specific target organ toxicity (repeated exposure) – Category 2 2: Specific target organ toxicity (repeated exposure) – Category 2 3: Specific target organ toxicity (repeated exposure) – Category 2 3: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ toxicity (repeated exposure) – Category 2 5: Specific target organ to	
	hronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 compared to the previous version altered. *	
		GB -