

**Safety Data Sheet**

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 1 of 12

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

TIP TOP COROFLAKE KTW-W Primer Comp. B

Art.-No.

590 2200

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Coating

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name: TIP TOP Oberflächenschutz Elbe GmbH
Street: Heuweg 4
Place: D-06886 Wittenberg
Telephone: +49(0)3491/635-50 Telefax: +49(0)3491/635-552
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

Company name: REMA TIP TOP INDUSTRY UK LTD
Street: Plumtree Industrial Estate, Harworth
Place: Doncaster, DN11 8EW, South Yorkshire
Telephone: +44 (0)1302 711233
Internet: www.rema-tiptop.co.uk

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**

Acute Tox. 4; H302
Skin Corr. 1B; H314
Eye Dam. 1; H318
Skin Sens. 1; H317
Repr. 2; H361f
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine
3-Aminomethyl-3,5,5-trimethylcyclohexylamine
4-tert-butylphenol
Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol
2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine

Signal word: Danger

Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 2 of 12

Pictograms:



Hazard statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P391	Collect spillage.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Hardener based on aliphatic polyamines

**Safety Data Sheet**

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 3 of 12

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
153195-44-9	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine			< 30 %
	500-332-0		01-2120781950-47	
	Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H318 H400 H410			
2855-13-2	3-Aminomethyl-3,5,5-trimethylcyclohexylamine			< 25 %
	220-666-8	612-067-00-9	01-2119514687-32	
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A; H302 H314 H318 H317			
98-54-4	4-tert-butylphenol			< 20 %
	202-679-0	604-090-00-8	01-2119489419-21	
	Repr. 2, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 1; H361f H315 H318 H410			
111411-00-8	Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol			< 15 %
	500-300-6		01-2120781761-48	
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3; H312 H302 H314 H317 H412			
25513-64-8	2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine			< 10 %
	247-063-2		01-2119569598-25	
	Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3; H302 H314 H317 H412			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
153195-44-9	500-332-0	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine	< 30 %	
		M acute; H400: M=1 M chron.; H410: M=1		
2855-13-2	220-666-8	3-Aminomethyl-3,5,5-trimethylcyclohexylamine	< 25 %	
		oral: ATE 1030 mg/kg Skin Sens. 1A; H317: >= 0,001 - 100		
98-54-4	202-679-0	4-tert-butylphenol	< 20 %	
		M chron.; H410: M=1		
111411-00-8	500-300-6	Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol	< 15 %	
		dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg		
25513-64-8	247-063-2	2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine	< 10 %	
		oral: LD50 = 910 mg/kg		

Further InformationSVHC substance [Regulation (EC) No 1907/2006, Article 57]
4-tert-butylphenol**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**Remove contaminated soaked clothing immediately.
Call a physician immediately.



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 4 of 12

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
If patient is not breathing, apply artificial respiration. In case of breathing difficulties give oxygen.
In the event of symptoms refer for medical treatment.

After contact with skin

In case of contact with skin wash off immediately with plenty of water.
Seek medical treatment immediately.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lens.
Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.
Never give anything by mouth to an unconscious person.
Summon a doctor immediately.
Induce vomiting only upon the advice of a physician.
Attention. Beware, danger of aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire may produce:
carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Ensure adequate ventilation.
Keep away noninvolved persons.

For non-emergency personnel

Do not breathe vapours.
Avoid contact with skin, eyes and clothing.



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 5 of 12

For emergency responders

In case of vapour formation use respirator.
Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.
Clean contaminated surface thoroughly.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).
Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Handle and open container with care.
Use only in thoroughly ventilated areas.
Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.
Do not use zinc, aluminium or copper containers.

Hints on joint storage

Incompatible with:
Oxidizing agents
Acids and bases.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Coating

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 6 of 12

When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Remove and wash contaminated clothes before re-use.

Eye/face protection

Tightly fitting goggles (EN 166).
Eye wash bottle with pure water (EN 15154).

Hand protection

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
Pls. find examples in the protective gloves database under: <http://bestglove.com/site/chemrest/>

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A) (EN 14387).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Viscous
Colour: Colourless
Odour: Amine like

	Test method
pH-Value:	8 - 11 Calculated

Changes in the physical state

Melting point/freezing point:	n.d.
Boiling point or initial boiling point and boiling range:	> 200 °C
Sublimation point:	n.a.
Softening point:	n.d.
Flash point:	120 °C Calculated

Flammability

Solid/liquid:	n.a.
Gas:	n.a.

Explosive properties

The product is not explosive.

Lower explosion limits:	n.d.
Upper explosion limits:	n.d.
Auto-ignition temperature:	n.d.

Self-ignition temperature

Solid:	n.a.
Gas:	n.a.

Decomposition temperature:	n.d.
----------------------------	------

Oxidizing properties

Not oxidising.



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 7 of 12

Vapour pressure: (at 50 °C)	< 5 hPa
Density (at 20 °C):	0,97 g/cm ³
Bulk density:	n.a.
Water solubility: (at 20 °C)	Immiscible
Solubility in other solvents n.d.	
Partition coefficient n-octanol/water:	n.d.
Viscosity / dynamic: (at 25 °C)	2300 mPa·s
Viscosity / kinematic:	n.d.
Flow time: (at 25 °C)	n.d.
Relative vapour density:	n.d.
Evaporation rate:	n.d.
Solvent separation test:	0 %
Solvent content:	0 %

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with acids, alkalies and oxidizing agents

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.
Protect against direct sun radiation.

10.5. Incompatible materials

Oxidizing agents
Acids and bases.

10.6. Hazardous decomposition products

No hazardous decomposition products known.
Fire may produce:
Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)
ammonia

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Harmful if swallowed.
No toxicological data available.
ATEmix/oral: ~ 1800 mg/kg
ATEmix/dermal: > 5000 mg/kg



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 8 of 12

ATEmix calculated

ATE (oral) 1868,7 mg/kg

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitising effects

May cause an allergic skin reaction. (3-Aminomethyl-3,5,5-trimethylcyclohexylamine; Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol; 2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of damaging fertility. (4-tert-butylphenol)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards**Endocrine disrupting properties**

No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.

Very toxic to aquatic life with long lasting effects.

2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine

LC50/Leuciscus idus melanotus/72 h = 174 mg/l

EC50/Scenedesmus subspicatus/72 h = 29,5 mg/l

3-Aminomethyl-3,5,5-trimethylcyclohexylamine

EC50/Daphnia magna/48 h = 23 mg/l

EbC50//Scenesdesmus subspicatus/72 h = 37 mg/l

4-tert-butylphenol

LC50/Leuciscus idus/48 h = 1,6 mg/l

EbC50//Scenesdesmus subspicatus/48 h = 3,9 -6,7 mg/l

EC50/Pseudokirchneriela subcapitata/72 h = 14 - 22,7 mg/l

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 9 of 12

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Hazardous water pollutant.

Further information

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 2735

14.2. UN proper shipping name:

AMINES, LIQUID, CORROSIVE, N.O.S.
(3-Aminomethyl-3,5,5-trimethylcyclohexylamine,
Trimethylhexane-1,6-diamine)

14.3. Transport hazard class(es):

8

14.4. Packing group:

II

Hazard label:

8



Classification code:

C7

Limited quantity:

1 L / 30 kg

Excepted quantity:

E2

Transport category:

2

Hazard No:

80

Tunnel restriction code:

E

Inland waterways transport (ADN)

14.1. UN number:

UN 2735

14.2. UN proper shipping name:

AMINES, LIQUID, CORROSIVE, N.O.S.
(3-Aminomethyl-3,5,5-trimethylcyclohexylamine,
Trimethylhexane-1,6-diamine)

14.3. Transport hazard class(es):

8

Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 10 of 12

14.4. Packing group:

II

Hazard label:

8



Classification code:

C7

Limited quantity:

1 L / 30 kg

Excepted quantity:

E2

Marine transport (IMDG)**14.1. UN number:**

UN 2735

14.2. UN proper shipping name:AMINES, LIQUID, CORROSIVE, N.O.S.
(3-Aminomethyl-3,5,5-trimethylcyclohexylamine,
Trimethylhexane-1,6-diamine, tert.-butylphenol)**14.3. Transport hazard class(es):**

8

14.4. Packing group:

II

Hazard label:

8



Marine pollutant:

Yes

Limited quantity:

1 L / 30 kg

Excepted quantity:

E2

EmS:

F-A, S-B

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number:**

UN 2735

14.2. UN proper shipping name:AMINES, LIQUID, CORROSIVE, N.O.S.
(3-Aminomethyl-3,5,5-trimethylcyclohexylamine,
Trimethylhexane-1,6-diamine)**14.3. Transport hazard class(es):**

8

14.4. Packing group:

II

Hazard label:

8



Limited quantity Passenger:

0.5 L

Passenger LQ:

Y840

Excepted quantity:

E2

IATA-packing instructions - Passenger:

851

IATA-max. quantity - Passenger:

1 L

IATA-packing instructions - Cargo:

855

IATA-max. quantity - Cargo:

30 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

14.7. Maritime transport in bulk according to IMO instruments

The transport takes place only in approved and appropriate packaging.



Safety Data Sheet

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 11 of 12

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):
4-tert-butylphenol

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2004/42/EC (VOC):

0 %

Information according to 2012/18/EU (SEVESO III):

E1 Hazardous to the Aquatic Environment

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

2 - obviously hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,6,7,9,10,11,12,14,15.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Safety Data Sheet**

according to UK REACH Regulation

TIP TOP COROFLAKE KTW-W Primer Comp. B

Revision date: 22.06.2022

Product code: 00359-1345

Page 12 of 12

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Skin Corr. 1B; H314	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Repr. 2; H361f	Calculation method
Aquatic Chronic 1; H410	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

'The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.'