SAFETY DATA SHEET

AUTOCOLOR

Date of issue/Date of revision

: 18 April 2025

Version : 1.08

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

1.1 Product identifier

Product name	: HS PLUS HARDENER
Product code	: P210-8813/E2.5
Product type	: Liquid.
Other means of identification	: Not available.
	6E59-Q6HY-F00F-RQET

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use	: Industrial applications.
Use of the substance/ mixture	: Hardener.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.

1.3 Details of the supplier of the safety data sheet

PPG Industries Italia S.r.l., Via Comasina, 121, 20161 Milano, Italy Tel: +39 02 6404.1 PPG Industries (UK) Ltd., Needham Road, Stowmarket, Suffolk, IP14 2AD, UK Tel: +44 (0) 1449 773 338

e-mail address of person : Product.Stewardship.EMEA@ppg.com responsible for this SDS

1.4 Emergency telephone number

Supplier

Company emergency telephone number : +39 02 6404.1 (0800-1700)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture Classification according to UK CLP/GHS Flam. Liq. 3, H226

Acute Tox. 4, H332 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word Hazard statements

- : Warning
- Flammable liquid and vapour. May cause an allergic skin reaction. Harmful if inhaled. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

Precautionary statements

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS H	ARDENER		

SECTION 2: Hazards identification

Prevention	:	Wear protective gloves. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Avoid breathing vapour.
Response	1	IF INHALED: Call a POISON CENTER or doctor if you feel unwell.
Storage	1	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P210, P273, P261, P304 + P312, P501
Supplemental label elements	:	Contains isocyanates. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	1	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	Prolonged or repeated contact may dry skin and cause irritation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : N	lixture			
Product/ingredient name	Identifiers	%	Classification	Туре
Rexamethylene diisocyanate, oligomers (isocyanurate type)	REACH #: 01-2119485796-17 EC: 931-274-8 CAS: 28182-81-2	≥75 - ≤90	Acute Tox. 4, H332 Skin Sens. 1, H317 STOT SE 3, H335	[1] [2]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≥5.0 - ≤10	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]
Solvent naphtha (petroleum), light arom. Nota(s) P	REACH #: 01-2119486773-24 EC: 265-199-0 CAS: 64742-95-6 Index: 649-356-00-4	≥1.0 - ≤4.9	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1]
2-methoxy-1-methylethyl acetate	REACH #: 01-2119475791-29 EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	≥1.0 - ≤4.4	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
2-butoxyethyl acetate	REACH #: 01-2119475112-47 EC: 203-933-3 CAS: 112-07-2 Index: 607-038-00-2	≥1.0 - ≤5.0	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332	[1] [2]
English (GB)	United Kir	ngdom (UK)	· · · · · · · · · · · · · · · · · · ·	. 2/1

Code : P210-8813/E2.5 HS PLUS HARDENER	Date of	issue/Date of re	vision : 18 April 2025	
SECTION 3: Compositi	on/information on i	ngredients		
4-isocyanatosulphonyltoluene	REACH #: 01-2119980050-47 EC: 223-810-8 CAS: 4083-64-1 Index: 615-012-00-7	≤0.30	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 STOT SE 3, H335 EUH014	[1] [2]
dibutyltin dilaurate	REACH #: 01-2119496068-27 EC: 201-039-8 CAS: 77-58-7	<0.30	EUTIO14 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Muta. 2, H341 Repr. 1B, H360FD STOT SE 1, H370 (thymus) STOT RE 1, H372 (thymus) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1] [2]
hexamethylene-di-isocyanate	REACH #: 01-2119457571-37 EC: 212-485-8 CAS: 822-06-0 Index: 615-011-00-1	<0.10	Acute Tox. 4, H302 Acute Tox. 1, H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the

concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

[1] Substance classified with a health or environmental hazard

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

[2] Substance with a workplace exposure limit

4.1 Description of first aid measures

Type

Eye contact	 Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	 If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms	and effects, both acute and delayed
Potential acute health effects	
Eye contact	: No known significant effects or critical hazards.

En all's la d	
English ((GB)

See Section 16 for the full text of the H statements declared

above.

Code : P21 HS PLUS HARDEN	0-8813/E2.5 ER	Date of issue/Date of revision	: 18 April 2025	
SECTION 4: F	irst aid measures			
Inholation	Lormful if inholod	May aguag reapiratory irritation		

Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/	<u>symptoms</u>
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
4.3 Indication of any im	mediate medical attention and special treatment needed
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.	
Unsuitable extinguishing media	: Do not use water jet.	
5.2 Special hazards arising from the substance or mixture		

en epeerar nazar de arreing n	••••	
Hazards from the substance or mixture	:	Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon oxides nitrogen oxides Cyanate and isocyanate. hydrogen cyanide
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

Code: P210-8813/E2.5Date of issue/Date of revision: 18 April 2025HS PLUS HARDENER

SECTION 6: Accidental release measures

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures	
 For non-emergency personnel No action shall be taken involving any personal risk or without suitable training Evacuate surrounding areas. Keep unnecessary and unprotected personnel entering. Do not touch or walk through spilt material. Shut off all ignition so No flares, smoking or flames in hazard area. Avoid breathing vapour or mis Provide adequate ventilation. Wear appropriate respirator when ventilation inadequate. Put on appropriate personal protective equipment. 			
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.	
6.3 Methods and material for	со	ntainment and cleaning up	
Small spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.	
Special provisions	:	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Place in a suitable container. The contaminated area should be cleaned immediately with a suitable decontaminant. One possible (flammable) decontaminant comprises (by volume): water (45 parts), ethanol or isopropyl alcohol (50 parts) and concentrated (d: 0,880) ammonia solution (5 parts). A non-flammable alternative is sodium carbonate (5 parts) and water (95 parts). Add the same decontaminant to the remnants and let stand for several days until no further reaction in an unsealed container. Once this stage is reached, close container and dispose of according to local regulations (see section 13). Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.	
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PL	US HARDENER		

SECTION 7: Handling and storage

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Precautions should be taken to minimise exposure to atmospheric humidity or water.

CO2 will be formed, which, in closed containers, could result in pressurisation.

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Occupational exposure limits

Product/ingredient name	Exposure limit values	
✓ Fexamethylene diisocyanate, oligomers (isocyanurate type)	EH40/2005 WELs (United Kingdom (UK), 1/2020) [isocyanate except methyl isocyanate] Inhalation sensitiser.	es, all,
	STEL 15 minutes: 0.07 mg/m³ (as -NCO). TWA 8 hours: 0.02 mg/m³ (as -NCO).	
n-butyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020)	
	STEL 15 minutes: 966 mg/m ³ . STEL 15 minutes: 200 ppm.	
	TWA 8 hours: 724 mg/m ³ .	
2-methoxy-1-methylethyl acetate	TWA 8 hours: 150 ppm. EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed	
	through skin.	
	STEL 15 minutes: 548 mg/m³. TWA 8 hours: 50 ppm.	
	TWA 8 hours: 274 mg/m ³ .	
	STEL 15 minutes: 100 ppm.	
2-butoxyethyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed through skin.	
	TWA 8 hours: 20 ppm.	
English (GB)	United Kingdom (UK)	6/18

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	RDENER		

SECTION 8: Exposure controls/personal protection

	STEL 15 minutes: 50 ppm.
	STEL 15 minutes: 332 mg/m ³ .
	TWA 8 hours: 133 mg/m ³ .
4-isocyanatosulphonyltoluene	EH40/2005 WELs (United Kingdom (UK), 1/2020) [isocyanates, all,
	except methyl isocyanate] Inhalation sensitiser.
	STEL 15 minutes: 0.07 mg/m³ (as -NCO).
	TWA 8 hours: 0.02 mg/m³ (as -NCO).
dibutyltin dilaurate	EH40/2005 WELs (United Kingdom (UK), 1/2020) [tin compounds,
	organic, except cyhexatin (ISO)] Absorbed through skin.
	STEL 15 minutes: 0.2 mg/m ³ (as Sn).
	TWA 8 hours: 0.1 mg/m³ (as Sn).
hexamethylene-di-isocyanate	EH40/2005 WELs (United Kingdom (UK), 1/2020) [isocyanates, all,
	except methyl isocyanate] Inhalation sensitiser.
	STEL 15 minutes: 0.07 mg/m³ (as -NCO).
	TWA 8 hours: 0.02 mg/m³ (as -NCO).

No exposure indices known.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres -Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Rexamethylene diisocyanate, oligomers (isocyanurate type)	DNEL	Long term Inhalation	0.5 mg/m³	Workers	Local
	DNEL	Short term Inhalation	1 mg/m ³	Workers	Local
n-butyl acetate	DNEL	Long term Inhalation	300 mg/m ³	Workers	Systemic
,	DNEL	Long term Dermal	11 mg/m ³	Workers	Systemic
	DNEL	Long term Oral	2 mg/kg bw/day	General population	
	DNEL	Short term Oral	2 mg/kg bw/day	General population	
	DNEL	Long term Dermal	3.4 mg/kg bw/day	General population	
	DNEL	Short term Dermal	6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	11 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	12 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	35.7 mg/m ³	General population	Local
	DNEL	Long term Inhalation	48 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	300 mg/m ³	General population	Local
	DNEL	Short term Inhalation	300 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	300 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	600 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	600 mg/m ³	Workers	Systemic
Solvent naphtha (petroleum), light arom. Nota(s) P	DNEL	Long term Inhalation	150 mg/m ³	Workers	Systemic
5	DNEL	Long term Dermal	25 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	32 mg/m ³	General population	
	DNEL	Long term Dermal	11 mg/kg bw/day	General population	
	DNEL	Long term Oral	11 mg/kg bw/day	General population	
	DNEL	Long term Inhalation	0.41 mg/m ³	General population	
	DNEL	Long term Inhalation	1.9 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	178.57 mg/m ³	General population	
	DNEL	Short term Inhalation	640 mg/m ³	General population	Local
	DNEL	Long term Inhalation	837.5 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	1066.67 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	1152 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	1286.4 mg/m ³	Workers	Systemic

Code : P210-8813/E2.5

HS PLUS HARDENER

Date of issue/Date of revision : 18 April 2025

SECTION 8: Exposure controls/personal protection

2-methoxy-1-methylethyl	DNEL	Long term Inhalation	33 mg/m³	General population	Local
acetate			J		
	DNEL	Long term Inhalation	33 mg/m³	General population	Systemic
	DNEL	Long term Oral	36 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	275 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	320 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	550 mg/m ³	Workers	Local
	DNEL	Long term Dermal	796 mg/kg bw/day	Workers	Systemic
2-butoxyethyl acetate	DNEL	Long term Inhalation	80 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	133 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	200 mg/m ³	General population	Local
	DNEL	Long term Oral	8.6 mg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	36 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	72 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	102 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	120 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	169 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	333 mg/m³	Workers	Local
4-isocyanatosulphonyltoluene	DNEL	Long term Oral	0.46 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.46 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.8 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	0.92 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	3.24 mg/m ³	Workers	Systemic
dibutyltin dilaurate	DNEL	Short term Dermal	2.08 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	0.0031 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.0046 mg/m ³	General population	Systemic
	DNEL	Short term Oral	0.02 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.02 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	0.04 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	0.059 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	0.16 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.43 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	2.08 mg/kg bw/day	Workers	Systemic
hexamethylene-di-isocyanate	DNEL	Long term Inhalation	0.035 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	0.07 mg/m³	Workers	Local

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail	
examethylene diisocyanate, oligomers (isocyanurate type)	Fresh water	0.127 mg/l	Assessment Factors	
	Marine water	0.0127 mg/l	Assessment Factors	
	Sewage Treatment Plant	88 mg/l	Assessment Factors	
	Fresh water sediment	266701 mg/kg dwt	Equilibrium Partitioning	
	Marine water sediment	26670 mg/kg dwt	Equilibrium Partitioning	
	Soil	53182 mg/kg	Equilibrium Partitioning	
n-butyl acetate	Fresh water	0.18 mg/l	-	
	Marine water	0.018 mg/l	-	
	Fresh water sediment	0.981 mg/kg	-	
	Marine water sediment	0.0981 mg/kg	-	
	Sewage Treatment Plant	35.6 mg/l	-	
	Soil	0.0903 mg/kg	-	
2-methoxy-1-methylethyl acetate	Fresh water	0.635 mg/l	-	
	Marine water	0.0635 mg/l	-	
	Fresh water sediment	3.29 mg/kg	-	
	Marine water sediment	0.329 mg/kg	-	
	Soil	0.29 mg/kg	-	
	Sewage Treatment Plant	100 mg/l	-	
2-butoxyethyl acetate	Fresh water	0.304 mg/l	-	
	Marine water	0.0304 mg/l	-	
	Fresh water sediment	2.03 mg/kg dwt	-	
English (GB) United Kingdom (UK) 8/18				

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS	S HARDENER		

SECTION 8: Exposure controls/personal protection

-					
	Marine water sediment	0.203 mg/kg dwt	-		
	Soil	0.42 mg/kg dwt	-		
	Sewage Treatment Plant	90 mg/l	-		
4-isocyanatosulphonyltoluene	Fresh water	0.03 mg/l	Assessment Factors		
	Marine water	0.003 mg/l	Assessment Factors		
	Sewage Treatment Plant		Assessment Factors		
	Fresh water sediment	0.172 mg/kg dwt	Equilibrium Partitioning		
	Marine water sediment	0.017 mg/kg dwt	Equilibrium Partitioning		
	Soil	0.017 mg/kg dwt	Equilibrium Partitioning		
dibutyltin dilaurate	Fresh water	0.000463 mg/l	Assessment Factors		
	Fresh water sediment	0.05 mg/kg	-		
	Marine water sediment	0.005 mg/kg	-		
	Soil	0.0407 mg/kg	-		
	Sewage Treatment Plant		Assessment Factors		
	Marine water	0.0000463 mg/l	Assessment Factors		
hexamethylene-di-isocyanate	Fresh water	0.0774 mg/l	Assessment Factors		
	Marine water	0.00774 mg/l	Assessment Factors		
	Sewage Treatment Plant		Assessment Factors		
	Fresh water sediment	0.01334 mg/kg dwt	Equilibrium Partitioning		
	Marine water sediment	0.001334 mg/kg dwt	Equilibrium Partitioning		
	Soil	0.0026 mg/kg dwt	Equilibrium Partitioning		
8.2 Exposure controls					
Appropriate engineering : Use only w	vith adequate ventilation. Use	process enclosures	local exhaust ventilation		
	ngineering controls to keep wo				
	mended or statutory limits. Th				
vapour or dust concentrations below any lower explosive limits. Use explosion-proof					
ventilation equipment.					

Individual protection measures

Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety
		showers are close to the workstation location.
Eye/face protection Skin protection	:	Safety glasses with side shields.
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. butyl rubber
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-

should include anti-static overalls, boots and gloves.

static protective clothing. For the greatest protection from static discharges, clothing

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	ARDENER		

SECTION 8: Exposure controls/personal protection

Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wear a respirator conforming to EN140. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Mask type: full-face mask half-face mask Filter type: organic vapour filter (Type A) particulate filter P3 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
Restrictions on use	1	Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance					
Physical state	: Liquid	l.			
Colour	: Colou	rless.			
Odour	: Chara	cteristic.			
Odour threshold	: Not a	vailable.			
Melting point/freezing point	:				
Initial boiling point and boiling range	: >37.7	8°C (>100°F)			
Flammability (solid, gas)	: liquid				
Upper/lower flammability or explosive limits	: Not a	vailable.			
Flash point	: Close	d cup: 29°C (84	.2°F)		
Auto-ignition temperature	:				
Ingredient name		°C	°F	Method	
Solvent naphtha (petroleum), light aro	m. Nota(s) P	280 to 470	536 to 878		
pH	: Not a	oplicable.		k	
	Not a	oplicable. insolu	ble in water.		
Viscosity	Kinen		erature): Not avail perature): Not ava I mm²/s		
Solubility(ies)	:				
Media	Res	ult			
cold water	Not	soluble			

Miscible with water	:	No.
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapour pressure	:	

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS			

SECTION 9: Physical and chemical properties

	Va	Vapour Pressure at 20°C			Vapour pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
p≁butyl acetate	11.25096	1.5	DIN EN 13016-2				
Relative density	: 1.1		Į				
Explosive properties	: The product itself is not explosive, but the formation of an explosible mixture vapour or dust with air is possible.					explosible mixture o	
Dxidising properties Particle characteristics	: Pro	duct does i	not present an oxidiz	ing hazard.			
Median particle size	: Not	applicable					

SECTION 10: Stabilit	SECTION 10: Stability and reactivity					
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.					
10.2 Chemical stability	: The product is stable.					
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.					
10.4 Conditions to avoid	: In a fire, hazardous decomposition products may be produced. Refer to protective measures listed in sections 7 and 8.					
10.5 Incompatible materials	: Keep away from: oxidising agents, strong alkalis, strong acids, amines, alcohols, water Uncontrolled exothermic reactions occur with amines and alcohols.					
10.6 Hazardous decomposition products	 Depending on conditions, decomposition products may include the following materials: Cyanate and isocyanate. carbon oxides nitrogen oxides hydrogen cyanide 					

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hexamethylene	LD50 Dermal	Rabbit	>2000 mg/kg	-
diisocyanate, oligomers				
(isocyanurate type)				
	LD50 Oral	Rat - Female	>2500 mg/kg	-
n-butyl acetate	LC50 Inhalation Vapour	Rat	>21.1 mg/l	4 hours
-	LC50 Inhalation Vapour	Rat	2000 ppm	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10.768 g/kg	-
Solvent naphtha	LD50 Dermal	Rabbit	3.48 g/kg	-
(petroleum), light arom. Nota (s) P				
. ,	LD50 Oral	Rat	8400 mg/kg	-
2-methoxy-1-methylethyl acetate	LC50 Inhalation Vapour	Rat	30 mg/l	4 hours
	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	6190 mg/kg	-
2-butoxyethyl acetate	LD50 Dermal	Rabbit	1500 mg/kg	-
	LD50 Oral	Rat	1880 mg/kg	-
4-isocyanatosulphonyltoluene	LD50 Oral	Rat	2234 mg/kg	-
dibutyltin dilaurate	LD50 Oral	Rat	2071 mg/kg	-
hexamethylene-di-	LC50 Inhalation Dusts and	Rat	124 mg/m³	4 hours
isocyanate	mists			
English (GB)	United Ki	ngdom (UK)		11/

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	RDENER		

SECTION 11: Toxicological information

	-			
	LC50 Inhalation Vapour	Rat	151 mg/m³	4 hours
	LD50 Dermal	Rabbit	0.57 g/kg	-
	LD50 Oral	Rat	0.71 g/kg	-

Conclusion/Summary : There are

: There are no data available on the mixture itself.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
S PLUS HARDENER	79075.8	63092.4	N/A	462.7	1.9
Hexamethylene diisocyanate, oligomers (isocyanurate type)	N/A	N/A	N/A	N/A	1.5
n-butyl acetate	10768	N/A	N/A	N/A	N/A
Solvent naphtha (petroleum), light arom. Nota(s) P	8400	3480	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	6190	N/A	N/A	30	N/A
2-butoxyethyl acetate	1880	1500	N/A	11	N/A
4-isocyanatosulphonyltoluene	2234	N/A	N/A	N/A	N/A
dibutyltin dilaurate	2071	N/A	N/A	N/A	N/A
hexamethylene-di-isocyanate	710	N/A	N/A	0.151	N/A

Irritation/Corrosion	
Conclusion/Summary	: Not available.
Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Sensitisation	
Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Carcinogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Reproductive toxicity	
Conclusion/Summary	: There are no data available on the mixture itself.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.
One office to much some on to sta	lter (electre electre)

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Hexamethylene diisocyanate, oligomers (isocyanurate type)	Category 3	-	Respiratory tract irritation
n-butyl acetate	Category 3	-	Narcotic effects
Solvent naphtha (petroleum), light arom. Nota(s) P	Category 3	-	Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
4-isocyanatosulphonyltoluene	Category 3	-	Respiratory tract irritation
dibutyltin dilaurate	Category 1	-	thymus
hexamethylene-di-isocyanate	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	RDENER		

SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
dibutyltin dilaurate	Category 1	-	thymus

Aspiration hazard

Product/ingredient name	Result
Solvent naphtha (petroleum), light arom. Nota(s) P	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure	: Not available.
Potential acute health effects	
Eye contact	: No known significant effects or critical hazards.
Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the phy	sical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
Delayed and immediate effect	ts as well as chronic effects from short and long-term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
Conclusion/Summary	: Not available.
General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	: Not available.

: P210-8813/E2.5 Code

Date of issue/Date of revision

: 18 April 2025

HS PLUS HARDENER

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Hexamethylene diisocyanate, oligomers (isocyanurate type)	Acute EC50 >1000 mg/l	Algae - scenedesmus subspicatus	72 hours
	Acute EC50 >100 mg/l	Daphnia - <i>daphnia magna</i>	48 hours
	Acute LC50 >100 mg/l	Fish - Danio rerio (zebra fish)	96 hours
n-butyl acetate	Acute LC50 18 mg/l	Fish	96 hours
Solvent naphtha (petroleum), light arom. Nota(s) P	Acute LC50 8.2 mg/l	Fish	96 hours
2-methoxy-1-methylethyl acetate	Acute LC50 134 mg/l Fresh water	Fish - Trout - Oncorhynchus mykiss	96 hours
2-butoxyethyl acetate	Acute LC50 28 mg/l	Fish	96 hours
dibutyltin dilaurate	Acute EC50 >1 mg/l	Algae	72 hours
-	Acute EC50 < 0.463 mg/l	Daphnia	48 hours

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
-butyl acetate	TEPA and OECD 301D	83 % - Readily - 28 days	-	-
2-methoxy-1-methylethyl acetate	-	83 % - Readily - 28 days	-	-
2-butoxyethyl acetate dibutyltin dilaurate	OECD 301A OECD Ready Biodegradability - Manometric Respirometry Test	97 % - Readily - 7 days 23 % - Not readily - 39 days	-	-
Conclusion/Summary	: Not available			

: Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
✓examethylene diisocyanate, oligomers (isocyanurate type)	-	-	Not readily
n-butyl acetate 2-methoxy-1-methylethyl acetate	-	-	Readily Readily
2-butoxyethyl acetate	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
✓examethylene diisocyanate, oligomers (isocyanurate type)	5.54	3.2	Low
n-butyl acetate	2.3	-	Low
2-methoxy-1-methylethyl acetate	1.2	-	Low
2-butoxyethyl acetate	1.51	-	Low
dibutyltin dilaurate	4.44	2.91	Low
hexamethylene-di-isocyanate	0.02	-	Low

12.4 Mobility in soil

Soil/water partition coefficient

: Not available.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	RDENER		

SECTION 12: Ecological information

Mobility

. Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

Waste catalogue

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

Packaging

Methods of disposal

: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	Waste catalogue	
Container	15 01 04	metallic packaging
Special precautions	taken when har Empty containe residues may c container. Do r thoroughly inter	nd its container must be disposed of in a safe way. Care should be ndling emptied containers that have not been cleaned or rinsed out. ers or liners may retain some product residues. Vapour from product create a highly flammable or explosive atmosphere inside the not cut, weld or grind used containers unless they have been cleaned rnally. Avoid dispersal of spilt material and runoff and contact with c, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	III	Ш	Ш	Ш
14.5 Environmental hazards	No.	Yes.	No.	No.
English (0	B)	United Kingdom	(UK)	15/18

Code	: P210-8813/E2.5	Date of issue/Date of revision	: 18 April 2025
HS PLUS HA	RDENER		

SECTION 14: Transport information

Marine polluta substances	Not applicable. Not applicable. Not applicable.	Not applicable.
Additional info	lation	
ADR/RID	: None identified.	
Tunnel code	: (D/E)	
ADN	: The product is only regulated as an environmentally hazardous substance when vessels.	transported in tank
IMDG	: None identified.	
ΙΑΤΑ	None identified.	

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk: Not available.according to IMOinstruments

SECTION 15: Regulatory information

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

UK (GB)/REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Explosive precursors : Not applicable.

Ozone depleting substances

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	Entry Number (REACH)
S PLUS HARDENER	3
hexamethylene-di-isocyanate	74

Labelling

: Not applicable.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category
P5c

SECTION 16: Other information

N/A = Not available	Abbreviations and acronyms	 ATE = Acute Toxicity Estimate GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = GB CLP-specific Hazard statement N/A = Not available
---------------------	----------------------------	---

English (GB)	United Kingdom (UK)	16/18

Code : P210-8813/E2.5

Date of issue/Date of revision

: 18 April 2025

HS PLUS HARDENER

SECTION 16: Other information

PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
SGG = Segregation Group
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Acute Tox. 4, H332	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H335	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

H 226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
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.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH014	Reacts violently with water.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of classifications

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Muta. 2	GERM CELL MUTAGENICITY - Category 2
Repr. 1B	REPRODUCTIVE TOXICITY - Category 1B
Resp. Sens. 1	RESPIRATORY SENSITISATION - Category 1
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT SE 1	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
History	
	18 April 2025
Date of issue/ Date of	: 18 April 2025
revision	

Date of previous issue : 4 April 2025

English (GB)

Code : P210-8813/E2.5 HS PLUS HARDENER	Date of issue/Date of revision	: 18 April 2025	
SECTION 16: Other information			

Prepared by	: EHS
Version	: 1.08

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.