

SAFETY DATA SHEET

Date of issue/Date of revision

: 10 June 2025

Version

: 4



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

1.1 Product identifier

Product name : HI-TEMP 1027HD CURE

Product code : 00436788

Other means of identification

Not available.

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

Product use : Professional applications, Used by spraying.

**Use of the substance/
mixture** : Coating.

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 Coatings Belgium BV/SRL
Tweemontstraat 104
B-2100 Deurne
Belgium
Telephone +32-33606311
Fax +32-33606435

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

1.4 Emergency telephone number

National advisory body/Poison Centre

Numéro de téléphone d'appel d'urgence : 01 45 42 59 59 (Association ORFILA, organisme agréé prévu au 4ème alinéa de l'article L231-7 du code du travail)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 2, H225

Acute Tox. 4, H302

Eye Irrit. 2, H319

Repr. 1B, H360FD

Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 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.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 2: Hazards identification

2.2 Label elements

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	Highly flammable liquid and vapour. Harmful if swallowed. Causes serious eye irritation. May damage fertility. May damage the unborn child. Toxic to aquatic life with long lasting effects.
<u>Precautionary statements</u>		
Prevention	:	Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment.
Response	:	Collect spillage. IF exposed or concerned: Get medical advice or attention.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P210, P273, P391, P308 + P313, P501
Hazardous ingredients	:	Barium diboron tetraoxide
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Restricted to professional users.
<u>Special packaging requirements</u>		
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	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 contains substances that are assessed to be a PBT or a vPvB, refer to Section 3.2.
Other hazards which do not result in classification	:	Prolonged or repeated contact may dry skin and cause irritation.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Barium diboron tetraoxide	REACH #: 01-2119983530-36 EC: 237-222-4 CAS: 13701-59-2 Index: 056-005-00-3	≥10 - ≤25	Acute Tox. 3, H301 Acute Tox. 4, H332 Repr. 1B, H360FD	ATE [Oral] = 100 mg/kg ATE [Inhalation (dusts and mists)] = 1.5 mg/l	[1] [2]
trizinc bis(orthophosphate)	REACH #: 01-2119485044-40 EC: 231-944-3 CAS: 7779-90-0 Index: 030-011-00-6	≥10 - ≤16	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	≥5.0 - ≤8.7	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1700 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
Solvent naphtha (petroleum), heavy arom. Nota(s) P	REACH #: 01-2119451097-39 EC: 265-198-5 CAS: 64742-94-5 Index: 649-424-00-3	≥5.0 - ≤10	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	-	[1]
zinc oxide	REACH #: 01-2119463881-32 EC: 215-222-5 CAS: 1314-13-2 Index: 030-013-00-7	≥1.0 - ≤6.7	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≥1.0 - ≤5.0	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Inhalation (vapours)] = 17.8 mg/l	[1] [2]
butan-1-ol	REACH #: 01-2119484630-38 EC: 200-751-6 CAS: 71-36-3 Index: 603-004-00-6	≤1.2	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	ATE [Oral] = 790 mg/kg	[1] [2]
naphthalene	REACH #: 01-2119561346-37 EC: 202-049-5 CAS: 91-20-3 Index: 601-052-00-2	<1.0	Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 490 mg/kg M [Acute] = 1 M [Chronic] = 1	[1] [2]

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 3: Composition/information on ingredients					
2-ethylhexanoic acid, cerium salt	EC: 246-332-1 CAS: 24593-34-8 Index: 607-230-00-6	<0.30	Repr. 1B, H360D (oral) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M [Acute] = 1 M [Chronic] = 1	[1]
octamethylcyclotetrasiloxane	REACH #: 01-2119529238-36 EC: 209-136-7 CAS: 556-67-2 Index: 014-018-00-1	≤0.016	Repr. 2, H361f Aquatic Chronic 1, H410 See Section 16 for the full text of the H statements declared above.	M [Chronic] = 10	[1] [3] [4]

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.

Xylene: Several REACH registrations cover the REACH registered substance with xylene isomers, ethylbenzene (and toluene). The other REACH Registrations include: 01-2119555267-33 reaction mass of ethylbenzene and m-xylene and p-xylene, 01-2119486136-34 Aromatic hydrocarbons, C8, 01-2119539452-40 reaction mass of ethylbenzene and xylene.

- Type
- [1] Substance classified with a health or environmental hazard
 - [2] Substance with a workplace exposure limit
 - [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 - [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

- 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** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation.
- Ingestion** : Harmful if swallowed.

Code : 00436788
HI-TEMP 1027HD CURE

Date of issue/Date of revision : 10 June 2025

SECTION 4: First aid measures

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:
irritation
dryness
cracking
reduced foetal weight
increase in foetal deaths
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : Highly 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 toxic 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
phosphorus oxides
metal oxide/oxides
Formaldehyde.

5.3 Advice for firefighters

- Special precautions 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.

Code : 00436788

Date of issue/Date of revision

: 10 June 2025

HI-TEMP 1027HD CURE

SECTION 5: Firefighting measures

- 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 European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective 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 from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is 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. Collect spillage.

6.3 Methods and material for containment 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

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

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. 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

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 7: Handling and storage

Advice on general occupational hygiene	tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. : 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.

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

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).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
 barium diboron tetraoxide	Ministry of Labor (France, 6/2024) [baryum (composés solubles)] TWA 8 hours: 0.5 mg/m³ (as Ba).
xylene	Ministry of Labor (France, 6/2024) [xylènes, isomères mixtes, purs] Absorbed through skin. STEL 15 minutes: 442 mg/m³. STEL 15 minutes: 100 ppm. TWA 8 hours: 221 mg/m³. TWA 8 hours: 50 ppm.
ethylbenzene	Ministry of Labor (France, 6/2024) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 88.4 mg/m³. STEL 15 minutes: 442 mg/m³. STEL 15 minutes: 100 ppm.
butan-1-ol	Ministry of Labor (France, 6/2024) STEL 15 minutes: 50 ppm. STEL 15 minutes: 150 mg/m³.
naphthalene	Ministry of Labor (France, 6/2024) Carc 2. TWA 8 hours: 10 ppm. TWA 8 hours: 50 mg/m³.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard 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	Exposure	Value
Barium diboron tetraoxide	DNEL - General population - Long term - Oral	Effects: Systemic 0.4 mg/kg bw/day
	DNEL - General population - Short term - Oral	Effects: Systemic 0.5 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic 0.6 mg/m³
	DNEL - General population - Short term - Inhalation	Effects: Systemic 0.9 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Systemic 2.5 mg/m³
	DNEL - General population - Long term - Dermal	Effects: Systemic 3.5 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	Effects: Systemic 3.5 mg/m³
	DNEL - General population - Short term - Dermal	Effects: Systemic 5 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Effects: Systemic 7 mg/kg bw/day
	DNEL - Workers - Short term - Dermal	Effects: Systemic 10 mg/kg bw/day
	DNEL - General population - Long term - Oral	Effects: Systemic 5 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Local 65.3 mg/m³
	DNEL - General population - Long term - Inhalation	Effects: Systemic 65.3 mg/m³
	DNEL - General population - Long term - Dermal	Effects: Systemic 125 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Effects: Systemic 212 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Local 221 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Systemic 221 mg/m³
	DNEL - General population - Short term - Inhalation	Effects: Local 260 mg/m³
	DNEL - General population - Short term - Inhalation	Effects: Systemic 260 mg/m³
	DNEL - Workers - Short term - Inhalation	Effects: Local 442 mg/m³
xylene	DNEL - Workers - Short term - Inhalation	Effects: Systemic 442 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic 0.03 mg/kg bw/day
Solvent naphtha (petroleum), heavy arom. Nota(s) P	DNEL - General population - Long term - Dermal	Effects: Systemic 0.28 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Local 0.69 mg/m³
	DNEL - General population - Long term - Inhalation	Effects: Systemic 0.69 mg/m³
	DNEL - Workers - Long term - Dermal	Effects: Systemic 0.95 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Local 2.31 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Systemic 2.31 mg/m³
	DNEL - General population - Short term - Oral	Effects: Systemic 25.6 mg/kg bw/day
	DNEL - General population - Short term - Inhalation	Effects: Local 143.5 mg/m³
	DNEL - Workers - Short term - Inhalation	Effects: Local 160.23 mg/m³

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 8: Exposure controls/personal protection

ethylbenzene	DNEL - General population - Short term - Inhalation	Effects: Systemic	226 mg/m³
	DNEL - Workers - Short term - Inhalation	Effects: Systemic	384 mg/m³
	DMEL - Workers - Long term - Inhalation	Effects: Local	442 mg/m³
	DMEL - Workers - Short term - Inhalation	Effects: Systemic	884 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic	1.6 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic	15 mg/m³
butan-1-ol	DNEL - Workers - Long term - Inhalation	Effects: Systemic	77 mg/m³
	DNEL - Workers - Long term - Dermal	Effects: Systemic	180 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	Effects: Local	293 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic	1.5625 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Effects: Systemic	3.125 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic	55.357 mg/m³
naphthalene	DNEL - General population - Long term - Inhalation	Effects: Local	155 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Local	310 mg/m³
	DNEL - Workers - Long term - Dermal	Effects: Systemic	3.57 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Local	25 mg/m³
2-ethylhexanoic acid, cerium salt	DNEL - Workers - Long term - Inhalation	Effects: Systemic	25 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic	0.167 mg/kg bw/day
octamethylcyclotetrasiloxane	DNEL - General population - Long term - Dermal	Effects: Systemic	0.167 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	Effects: Systemic	0.333 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic	0.58 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Systemic	2.351 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic	3.7 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Local	13 mg/m³
	DNEL - General population - Long term - Inhalation	Effects: Systemic	13 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Local	73 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Systemic	73 mg/m³

PNECs

Product/ingredient name	Compartment Detail - Method	Value
zinc bis(orthophosphate)	Fresh water - Sensitivity Distribution	20.6 µg/l
	Marine water - Sensitivity Distribution	6.1 µg/l
	Sewage Treatment Plant - Assessment Factors	100 µg/l
	Fresh water sediment - Sensitivity Distribution	117.8 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	56.5 mg/kg dwt
	Soil - Sensitivity Distribution	35.6 mg/kg dwt
xylene	Fresh water	0.327 mg/l
	Marine water	0.327 mg/l
	Sewage Treatment Plant	6.58 mg/l
	Fresh water sediment	12.46 mg/kg dwt
	Marine water sediment	12.46 mg/kg dwt
zinc oxide	Soil	2.31 mg/kg
	Fresh water - Sensitivity Distribution	20.6 µg/l
	Marine water - Sensitivity Distribution	6.1 µg/l
	Fresh water sediment - Sensitivity Distribution	117 mg/kg dwt
	Sewage Treatment Plant - Assessment Factors	52 µg/l
ethylbenzene	Marine water sediment - Assessment Factors	56.5 mg/kg dwt
	Soil - Sensitivity Distribution	35.6 mg/kg dwt
	Fresh water - Assessment Factors	0.1 mg/l

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 8: Exposure controls/personal protection

butan-1-ol	Marine water - Assessment Factors	0.01 mg/l
	Sewage Treatment Plant - Assessment Factors	9.6 mg/l
	Fresh water sediment - Equilibrium Partitioning	13.7 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	1.37 mg/kg dwt
	Soil - Equilibrium Partitioning	2.68 mg/kg dwt
	Secondary Poisoning	20 mg/kg
	Fresh water	0.082 mg/l
	Marine water	0.0082 mg/l
	Fresh water sediment	0.178 mg/kg
	Marine water sediment	0.0178 mg/kg
	Soil	0.015 mg/kg
	Sewage Treatment Plant	2476 mg/l

8.2 Exposure controls

Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, 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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Chemical splash goggles. Use eye protection according to EN 166.

Skin protection

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.

Gloves : For prolonged or repeated handling, use the following type of gloves:

May be used: nitrile rubber
Recommended: Chloroprene, butyl rubber, neoprene, polyvinyl alcohol (PVA), Viton®

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-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

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	: 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. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
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

Colour

Odour

Melting point/freezing point

Boiling point or initial boiling point and boiling range

Flammability

Lower and upper explosion limit

Flash point

Auto-ignition temperature

: Liquid.

: Colourless.

: Characteristic.

: Not determined.

: >37.78°C

: Not determined. There are no data available on the mixture itself.

: Not available.

: Closed cup: 17.22°C

:

Ingredient name	°C	°F	Method
Solvent naphtha (petroleum), heavy arom. Nota(s) P	220 to 250	428 to 482	ASTM E 659

Decomposition temperature

pH

Viscosity

Solubility

: Stable under recommended storage and handling conditions (see Section 7).

: Not applicable. insoluble in water.

: Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C): >21 mm²/s

:

Media	Result
cold water	Not soluble

Partition coefficient n-octanol/ water (log Pow)

Vapour pressure

: Not applicable.

:

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 9: Physical and chemical properties

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
dimethyl carbonate	56.78	7.6	OECD 104			

Relative density	: 1.65
Particle characteristics	
Median particle size	: Not applicable.
9.2 Other information	
9.2.1 Information with regard to physical hazard classes	
Explosive properties	: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.
Oxidising properties	: Product does not present an oxidizing hazard.
No additional information.	

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	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides phosphorus oxides Formaldehyde. metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	
The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly.	
 Harmful if swallowed. Causes serious eye irritation. May damage fertility. May damage the unborn child.	
Acute toxicity	

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 11: Toxicological information

Product/ingredient name	Result	Dose / Exposure
Barium diboron tetraoxide	Rabbit - Dermal - LD50	>2000 mg/kg
	Rat - Oral - LD50	100 mg/kg
trizinc bis(orthophosphate)	Rat - Inhalation - LC50 Dusts and mists	1.5 mg/l [4 hours]
	Rat - Oral - LD50	>5000 mg/kg
xylene	Rat - Inhalation - LC50 Dusts and mists	>5.7 mg/l [4 hours]
	Rat - Oral - LD50	4.3 g/kg
Solvent naphtha (petroleum), heavy arom. Nota(s) P	Rabbit - Dermal - LD50	1.7 g/kg
	Rat - Oral - LD50	>5 g/kg
zinc oxide	Rat - Inhalation - LC50 Dusts and mists	>5.2 mg/l [4 hours]
	Rat - Oral - LD50	>5000 mg/kg
	Rat - Dermal - LD50	>2000 mg/kg
ethylbenzene	Rat - Inhalation - LC50 Dusts and mists	>5700 mg/m³ [4 hours]
	Rat - Oral - LD50	3.5 g/kg
	Rabbit - Dermal - LD50	17.8 g/kg
butan-1-ol	Rat - Inhalation - LC50 Vapour	17.8 mg/l [4 hours]
	Rabbit - Dermal - LD50	3400 mg/kg
	<u>Toxic effects:</u> Eye - Corneal damage Cardiac - Pulse rate Lung, Thorax, or Respiration - Dyspnea	
	Rat - Oral - LD50	790 mg/kg
	<u>Toxic effects:</u> Liver - Fatty liver degeneration Kidney, Ureter, and Bladder - Other changes Blood - Other changes	
naphthalene	Rat - Inhalation - LC50 Vapour	24000 mg/m³ [4 hours]
	Rat - Oral - LD50	490 mg/kg
	<u>Toxic effects:</u> Behavioral - Tremor	
	Rabbit - Dermal - LD50	>20 g/kg
	<u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity)	
octamethylcyclotetrasiloxane	Rat - Oral - LD50	>4800 mg/kg
	Rat - Dermal - LD50	>2375 mg/kg
	Rat - Inhalation - LC50 Vapour	36 g/m³ [4 hours]
	<u>Toxic effects:</u> Behavioral - Excitement Lung, Thorax, or Respiration - Dyspnea Other - Hair	

Acute toxicity estimates

Route	ATE value
Oral	579.81 mg/kg
Dermal	22621.64 mg/kg
Inhalation (vapours)	126.7 mg/l
Inhalation (dusts and mists)	8.77 mg/l

Conclusion/Summary : Harmful if swallowed.

Irritation/Corrosion

Product/ingredient name	Result
xylene	Rabbit - Skin - Moderate irritant Amount/concentration applied: 500 mg Duration of treatment/exposure: 24 hours

Conclusion/Summary

- Skin : Based on available data, the classification criteria are not met.
- Eyes : Causes serious eye irritation.
- Respiratory : Based on available data, the classification criteria are not met.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 11: Toxicological information

Respiratory or skin sensitization

Conclusion/Summary

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

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

May damage fertility.
May damage the unborn child.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
xylene	Category 3	-	Respiratory tract irritation
Solvent naphtha (petroleum), heavy arom. Nota(s) P	Category 3	-	Narcotic effects
butan-1-ol	Category 3	-	Respiratory tract irritation
-	Category 3	-	Narcotic effects

Conclusion/Summary :

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

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs

Conclusion/Summary :

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

Aspiration hazard

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

Conclusion/Summary :

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

Information on likely routes of exposure : Not available.

Potential acute health effects

Inhalation : No known significant effects or critical hazards.
Ingestion : Harmful if swallowed.
Skin contact : Defatting to the skin. May cause skin dryness and irritation.
Eye contact : Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 11: Toxicological information

Ingestion	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<u>Short term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
<u>Long term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.

Potential chronic health effects

General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: May damage fertility. May damage the unborn child.
Other information	: Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or during cure at curing temperatures greater than 60C/140F. Avoid contact with skin and clothing.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

 The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

11.2.2 Other information

Not available.

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 12: Ecological information

There are no data available on the mixture itself.
Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

12.1 Toxicity

Product/ingredient name	Result	Species	Dose / Exposure
Zinc bis(orthophosphate) Solvent naphtha (petroleum), heavy arom. Nota(s) P zinc oxide ethylbenzene butan-1-ol 2-ethylhexanoic acid, cerium salt octamethylcyclotetrasiloxane	Acute - LC50 Chronic - NOEC NOEL - Fresh water	Fish Fish Daphnia	0.112 mg/l [96 hours] 0.026 mg/l [30 days] 0.48 mg/l [21 days]
	Acute - EC50 - Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Neonate	0.481 mg/l [48 hours]
	Acute - EC50 Chronic - NOEC - Fresh water	Algae Algae	0.17 mg/l [72 hours] 0.017 mg/l [72 hours]
	Acute - EC50 - Fresh water Chronic - NOEC - Fresh water	Daphnia Daphnia - <i>Ceriodaphnia dubia</i>	1.8 mg/l [48 hours] 1 mg/l
	Acute - LC50 Acute - LC50 - Fresh water	Fish Fish	1376 mg/l [96 hours] 0.5 mg/l [96 hours]
	Chronic - NOEC - Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	100 mg/l [21 days]

Conclusion/Summary : Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose / Inoculum
ethylbenzene	-	79% [10 days] - Readily	

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene ethylbenzene	- -	- -	Readily Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Xylene Solvent naphtha (petroleum), heavy arom. Nota(s) P	3.12 2.8 to 6.5	7.4 to 18.5 -	Low High
ethylbenzene	3.6	79.43	Low
butan-1-ol	1	-	Low
naphthalene	3.4	85.11	Low
octamethylcyclotetrasiloxane	6.488	-	High

12.4 Mobility in soil

Soil/water partition coefficient

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 12: Ecological information

Product/ingredient name	logKoc	Koc
ethylbenzene	2.23	170.406
butan-1-ol	0.51	3.22078
naphthalene	2.96	913.843
octamethylcyclotetrasiloxane	3.49	3064.9

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
xylene	No	N/A	No	No	No	N/A	No
Solvent naphtha (petroleum), heavy arom. Nota(s) P	No	N/A	N/A	No	N/A	N/A	N/A
ethylbenzene	No	N/A	No	Yes	No	N/A	No
butan-1-ol	No	N/A	N/A	No	N/A	N/A	N/A
naphthalene	No	N/A	No	No	No	N/A	No
octamethylcyclotetrasiloxane	SVHC (Recommended)	Specified	Specified	Specified	SVHC (Recommended)	Specified	Specified

12.6 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 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

:

European waste catalogue (EWC)

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	European waste catalogue (EWC)
Container	15 01 06 mixed packaging

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 13: Disposal considerations

Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
---------------------	---

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	II	II	II	II
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	Not applicable.	(trizinc bis (orthophosphate))	Not applicable.

Additional information

ADR/RID	: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
Tunnel code	: (D/E)
ADN	: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.
IMDG	: The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.
IATA	: The environmentally hazardous substance mark may appear if required by other transportation regulations.

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 Maritime transport in bulk according to IMO instruments	: Not applicable.
--	-------------------

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

Intrinsic property	Ingredient name	Status	Reference number	Date of revision
☑Toxic to reproduction	barium diboron tetraoxide	Recommended	D(2022) 9120-DC	2/7/2024
PBT	octamethylcyclotetrasiloxane	Recommended	ED/71/2019	4/14/2021
vPvB	octamethylcyclotetrasiloxane	Recommended	ED/71/2019	4/14/2021

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)
☑HI-TEMP 1027HD CURE	3
barium diboron tetraoxide	30
octamethylcyclotetrasiloxane	30
	70

Labelling : Restricted to professional users.

Explosive precursors : Not applicable.

Ozone depleting substances (EU 2024/590)

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category
☑P5c
E2

National regulations

Product/ingredient name	List name	Not available.	Classification	Notes
☑naphthalene	Ministry of Labor	-	Carc 2	-

Social Security Code, Articles L 461-1 to L 461-7	: ☑Xylene	RG 4bis, RG 84
	Solvent naphtha (petroleum), heavy arom. Nota(s) P	RG 84
	ethylbenzene	RG 84
	butan-1-ol	RG 84
	naphthalene	RG 84
Reinforced medical surveillance	: Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable	
References	: Reinforced medical surveillance ; Decree no. 2001-97 of 1 February 2001 establishing specific rules for the prevention of risks from carcinogens, mutagens and reprotoxics and amending the Labour code ; Decree no. 2003-1254 of 23 December 2003 relating to prevention of chemical risks and amending the Labour code ; Decree no. 2004-187 of 26 February 2004 on the placing on the market of biocidal products ; Decree no. 88-1231 of 29/12/1988 relating to poisonous preparations and substances. ; Decree no. 95-517 of 15 May 1997, relating to the classification of dangerous waste. ; Labour code	

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 15: Regulatory information

article: R231-53 ; Labour code: Occupational air (ventilation, air purification): Art. R 232-5 to R 232-5-14 ; Labour code: Prevention of chemical risk: Art.R231-51 and R 231-54 to R 231-54-9 ; Labour code: Prevention of fires: Art.R232-12-13 to R 232-12-29 and R 233-30 ; Labour code: provisions applicable to women: Art. L 234-3 to L 236-6 ; Labour code: provisions applicable to young workers: Art. L 234-3 to L 236-6; Art: R234-16 ; Labour code: Sanitary installations: Art. R 232-2 à R 232-2-7 ; Law 76-663 of 19 July 1976 amending and implementing decree of 21 September 1977 relating to classified installations for the protection of the environment ; Tables of anticipated professional diseases according to article R461-3 of the labour code

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- PBT = Persistent, Bioaccumulative and Toxic
- vPvB = Very Persistent and Very Bioaccumulative
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- IMDG = International Maritime Dangerous Goods
- IATA = International Air Transport Association

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 2, H225 Acute Tox. 4, H302 Eye Irrit. 2, H319 Repr. 1B, H360FD Aquatic Chronic 2, H411	On basis of test data Calculation method Calculation method Calculation method Calculation method

Full text of abbreviated H statements

H225 H226 H301 H302 H304 H312 H315 H318 H319 H332 H335 H336 H351 H360D H360FD H361f H373	Highly flammable liquid and vapour. Flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage the unborn child. May damage fertility. May damage the unborn child. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated
--	--

Code	: 00436788	Date of issue/Date of revision	: 10 June 2025
HI-TEMP 1027HD CURE			

SECTION 16: Other information

H400 H410 H411 H412 EUH066	exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.
--	--

Full text of classifications [CLP/GHS]

Acute Tox. 3 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Carc. 2 Eye Dam. 1 Eye Irrit. 2 Flam. Liq. 2 Flam. Liq. 3 Repr. 1B Repr. 2 Skin Irrit. 2 STOT RE 2 STOT SE 3	ACUTE TOXICITY - Category 3 ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 2 FLAMMABLE LIQUIDS - Category 3 REPRODUCTIVE TOXICITY - Category 1B REPRODUCTIVE TOXICITY - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
--	--

History

Date of issue/ Date of revision	: 10 June 2025
Date of previous issue	: 5 July 2024
Prepared by	: EHS
Version	: 4

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.