

# SAFETY DATA SHEET

Date of issue/Date of revision

: 16 February 2025

Version

: 1.06



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

### 1.1 Product identifier

**Product name** : DIMETCOTE 9H LIQUID

**Product code** : 00335631

#### Other means of identification

Not available.

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

**Product use** : Industrial 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

#### Supplier

+31 20 4075210

## 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

Eye Irrit. 2, H319

Skin Sens. 1, H317

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.

### 2.2 Label elements

Code : 00335631

Date of issue/Date of revision

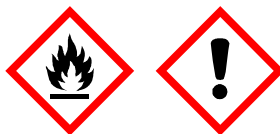
: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 2: Hazards identification

Hazard pictograms

:



Signal word

: Danger

Hazard statements

: Highly flammable liquid and vapour.  
May cause an allergic skin reaction.  
Causes serious eye irritation.

### Precautionary statements

Prevention

: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapour.

Response

: **F** ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

Storage

: Not applicable.

Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

**P**280, P210, P261, P302 + P352, P362 + P364, P501

Hazardous ingredients

: **I**rimethoxy(methyl)silane

Supplemental label elements

: Not applicable.

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

: Not applicable.

### Special packaging requirements

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 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.

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## 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
propan-2-ol	REACH #: 01-2119457558-25 EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	≥10 - ≤15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	-	[1] [2]
tetraethyl silicate	REACH #: 01-2119496195-28 EC: 201-083-8 CAS: 78-10-4 Index: 014-005-00-0	≥10 - ≤16	Flam. Liq. 3, H226 Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335	ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
3-butoxypropan-2-ol	REACH #: 01-2119475527-28 EC: 225-878-4 CAS: 5131-66-8 Index: 603-052-00-8	≥5.0 - ≤10	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: C ≥ 20% Eye Irrit. 2, H319: C ≥ 20%	[1] [2]
trimethoxy(methyl)silane	REACH #: 01-2119517436-40 EC: 214-685-0 CAS: 1185-55-3	≥1.0 - ≤5.0	Flam. Liq. 2, H225 Skin Sens. 1B, H317	-	[1]
Hydrocarbons, C9, aromatics > 0.1% cumene	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 128601-23-0	≥0.30 - <2.5	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	Carc. 1B, H350: C ≥ 10% EUH066: C ≥ 20%	[1] [2]
ethanol	REACH #: 01-2119457610-43 EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	≥1.0 - ≤5.0	Flam. Liq. 2, H225 Eye Irrit. 2, H319	-	[1] [2]
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≤1.9	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2]
			<b>See Section 16 for the full text of the H statements declared above.</b>		

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.

#### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 3: Composition/information on ingredients

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. 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. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Ingestion** : No specific data.

### 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.

Code : 00335631  
DIMETCOTE 9H LIQUID

Date of issue/Date of revision : 16 February 2025

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, 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.

**Hazardous combustion products** : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

### 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.

**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).

### 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.

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 6: Accidental release measures

- 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). 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. 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

- : Do not store above the following temperature: 50°C (122°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. 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.

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## 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
propan-2-ol	<b>ACGIH TLV (United States, 1/2024) A4.</b> TWA 8 hours: 200 ppm. STEL 15 minutes: 400 ppm.
tetraethyl silicate	<b>EU OEL (Europe, 1/2022)</b> TWA 8 hours: 5 ppm. TWA 8 hours: 44 mg/m <sup>3</sup> .
3-butoxypropan-2-ol	<b>IPEL (-)</b> TWA: 50 ppm.
Hydrocarbons, C9, aromatics > 0.1% cumene	<b>EU OEL (Europe)</b> TWA: 19 ppm. TWA: 100 mg/m <sup>3</sup> .
ethanol	<b>ACGIH TLV (United States, 1/2024) A3.</b> STEL 15 minutes: 1000 ppm.
n-butyl acetate	<b>EU OEL (Europe, 1/2022)</b> STEL 15 minutes: 150 ppm. STEL 15 minutes: 723 mg/m <sup>3</sup> . TWA 8 hours: 241 mg/m <sup>3</sup> . TWA 8 hours: 50 ppm.

**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
propan-2-ol	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i> 500 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i> 888 mg/kg bw/day
	DNEL - General population - Long term - Oral	<i>Effects: Systemic</i> 26 mg/kg bw/day
	DNEL - General population - Short term - Oral	<i>Effects: Systemic</i> 51 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i> 89 mg/m <sup>3</sup>
tetraethyl silicate	DNEL - General population - Short term - Inhalation	<i>Effects: Systemic</i> 178 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i> 319 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	<i>Effects: Systemic</i> 1000 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i> 1.8 mg/kg bw/day
	DNEL - General population - Short term - Inhalation	<i>Effects: Local</i> 5.3 mg/m <sup>3</sup>
	DNEL - General population - Long term - Inhalation	<i>Effects: Local</i> 5.3 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Effects: Systemic</i> 5.3 mg/m <sup>3</sup>

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 8: Exposure controls/personal protection

3-butoxypropan-2-ol	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	5.3 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	6.3 mg/kg bw/day
	DNEL - Workers - Short term - Inhalation	<i>Effects: Local</i>	44 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Local</i>	44 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	<i>Effects: Systemic</i>	44 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	44 mg/m <sup>3</sup>
	DNEL - General population - Long term - Oral	<i>Effects: Systemic</i>	12.5 mg/kg bw/day
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i>	22 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	43 mg/m <sup>3</sup>
	trimethoxy(methyl) silane	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>
DNEL - Workers - Long term - Inhalation		<i>Effects: Systemic</i>	147 mg/m <sup>3</sup>
DNEL - General population - Long term - Oral		<i>Effects: Systemic</i>	0.26 mg/kg bw/day
Hydrocarbons, C9, aromatics > 0.1% cumene	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	3.6 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	6.25 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i>	7.2 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	25.6 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Effects: Systemic</i>	26400 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	150 mg/m <sup>3</sup>
ethanol	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	25 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	32 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i>	11 mg/kg bw/day
	DNEL - General population - Long term - Oral	<i>Effects: Systemic</i>	11 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	380 mg/m <sup>3</sup>
	DNEL - General population - Long term - Oral	<i>Effects: Systemic</i>	87 mg/kg bw/day
n-butyl acetate	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	114 mg/m <sup>3</sup>
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i>	206 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	343 mg/kg bw/day
	DNEL - General population - Short term - Inhalation	<i>Effects: Local</i>	950 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	<i>Effects: Local</i>	1900 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	300 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	11 mg/m <sup>3</sup>
	DNEL - General population - Long term - Oral	<i>Effects: Systemic</i>	2 mg/kg bw/day
	DNEL - General population - Short term - Oral	<i>Effects: Systemic</i>	2 mg/kg bw/day
	DNEL - General population - Long term - Dermal	<i>Effects: Systemic</i>	3.4 mg/kg bw/day
n-butyl acetate	DNEL - General population - Short term - Dermal	<i>Effects: Systemic</i>	6 mg/kg bw/day
	DNEL - Workers - Long term - Dermal	<i>Effects: Systemic</i>	7 mg/kg bw/day
	DNEL - Workers - Short term - Dermal	<i>Effects: Systemic</i>	11 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	<i>Effects: Systemic</i>	12 mg/m <sup>3</sup>
	DNEL - General population - Long term - Inhalation	<i>Effects: Local</i>	35.7 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Systemic</i>	48 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Effects: Local</i>	300 mg/m <sup>3</sup>
	DNEL - General population - Short term - Inhalation	<i>Effects: Systemic</i>	300 mg/m <sup>3</sup>
	DNEL - Workers - Long term - Inhalation	<i>Effects: Local</i>	300 mg/m <sup>3</sup>



Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 8: Exposure controls/personal protection

	DNEL - Workers - Short term - Inhalation	<i>Effects: Local</i>	600 mg/m <sup>3</sup>
	DNEL - Workers - Short term - Inhalation	<i>Effects: Systemic</i>	600 mg/m <sup>3</sup>

### PNECs

Product/ingredient name	Compartment Detail - Method	Value
propan-2-ol	Fresh water - Assessment Factors	140.9 mg/l
	Marine water - Assessment Factors	140.9 mg/l
	Secondary Poisoning	160 mg/kg
	Fresh water sediment	552 mg/kg dwt
	Marine water sediment	552 mg/kg dwt
	Sewage Treatment Plant - Assessment Factors	2251 mg/l
3-butoxypropan-2-ol	Soil	28 mg/kg dwt
	Fresh water - Assessment Factors	0.525 mg/l
	Marine water - Assessment Factors	0.0525 mg/l
	Sewage Treatment Plant - Assessment Factors	10 mg/l
	Fresh water sediment	2.36 mg/kg dwt
	Marine water sediment - Assessment Factors	0.236 mg/kg dwt
ethanol	Soil	0.16 mg/kg dwt
	Fresh water - Assessment Factors	0.96 mg/l
	Marine water - Assessment Factors	0.79 mg/l
	Sewage Treatment Plant - Assessment Factors	580 mg/l
	Fresh water sediment - Equilibrium Partitioning	3.6 mg/kg dwt
	Marine water sediment - Equilibrium Partitioning	2.9 mg/kg dwt
n-butyl acetate	Soil - Assessment Factors	0.63 mg/kg dwt
	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

### 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. 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

: 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.

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 8: Exposure controls/personal protection

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** : 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-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.
- 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** : Liquid.
- Colour** : Not available.
- Odour** : Characteristic.
- Melting point/freezing point** : Not determined.
- Boiling point or initial boiling point and boiling range** : >37.78°C
- Flammability** : Not determined. There are no data available on the mixture itself.
- Lower and upper explosion limit** : Not available.
- Flash point** : Closed cup: 12.78°C
- Auto-ignition temperature** :

Ingredient name	°C	°F	Method
trimethoxy(methyl)silane	238	460.4	ASTM E 659

- Decomposition temperature** : Stable under recommended storage and handling conditions (see Section 7).
- pH** : Not applicable. insoluble in water.

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 9: Physical and chemical properties

**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C): >21 mm<sup>2</sup>/s

**Solubility** :

Media	Result
cold water	Not soluble

**Solubility in water** : 32.8 g/l

**Partition coefficient n-octanol/  
water (log Pow)** : Not applicable.

**Vapour pressure** : 4.1 kPa (30.4 mm Hg)

**Relative density** : 1.11

### 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.

### 9.2.2 Other safety characteristics

**Evaporation rate** : 2.09 (butyl acetate = 1)

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 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.

Causes serious eye irritation.

May cause an allergic skin reaction.

### Acute toxicity

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 11: Toxicological information

Product/ingredient name	Result	Dose / Exposure
propan-2-ol	Rat - Oral - LD50 <i>Toxic effects:</i> Behavioral - Altered sleep time (including change in righting reflex) Behavioral - Somnolence (general depressed activity)	5045 mg/kg
	Rabbit - Dermal - LD50 <i>Toxic effects:</i> Behavioral - Somnolence (general depressed activity) Behavioral - Irritability Gastrointestinal - Nausea or vomiting	12800 mg/kg
tetraethyl silicate	Rat - Inhalation - LC50 Vapour	72600 mg/m <sup>3</sup> [4 hours]
	Rat - Oral - LD50	6270 mg/kg
	Rabbit - Dermal - LD50	5.878 g/kg
3-butoxypropan-2-ol	Rat - Inhalation - LC50 Dusts and mists	10 to 16 mg/l [4 hours]
	Rabbit - Dermal - LD50	3100 mg/kg
trimethoxy(methyl)silane	Rat - Oral - LD50	2.2 g/kg
	Rat - Oral - LD50	11685 mg/kg
	Rabbit - Dermal - LD50	>9500 mg/kg
Hydrocarbons, C9, aromatics > 0.1% cumene	Rat - Inhalation - LC50 Vapour	>42.1 mg/l [4 hours]
	Rat - Female - Oral - LD50	3492 mg/kg
ethanol	Rabbit - Dermal - LD50	>3160 mg/kg
	Rat - Oral - LD50 <i>Toxic effects:</i> Liver - Other changes Blood - Changes in serum composition (e.g., TP, bilirubin, cholesterol) Enzyme inhibition, induction, or change in blood or tissue levels - Phosphatases	7 g/kg
n-butyl acetate	Rat - Dermal - LD50	17100 mg/kg
	Rat - Inhalation - LC50 Vapour	124700 mg/m <sup>3</sup> [4 hours]
	Rabbit - Dermal - LD50	>17600 mg/kg
	Rat - Oral - LD50	10.768 g/kg
	Rat - Inhalation - LC50 Vapour	2000 ppm [4 hours]
	Rat - Inhalation - LC50 Vapour	>21.1 mg/l [4 hours]

### Acute toxicity estimates

Route	ATE value
Inhalation (vapours)	109.54 mg/l

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

### Irritation/Corrosion

#### 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.

### Respiratory or skin sensitization

Product/ingredient name	Test	Result
trimethoxy(methyl)silane	Guinea pig - skin	Result: Sensitising

#### Conclusion/Summary

**Skin** : May cause an allergic skin reaction.

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

### Mutagenicity

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

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 11: Toxicological information

### Carcinogenicity

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

### Reproductive toxicity

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

### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Propan-2-ol	Category 3	-	Narcotic effects
tetraethyl silicate	Category 3	-	Respiratory tract irritation
Hydrocarbons, C9, aromatics > 0.1% cumene	Category 3	-	Respiratory tract irritation
-	Category 3	-	Narcotic effects
n-butyl acetate	Category 3	-	Narcotic effects

### Conclusion/Summary

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

### Specific target organ toxicity (repeated exposure)

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

### Aspiration hazard

Product/ingredient name	Result
Hydrocarbons, C9, aromatics > 0.1% cumene	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** : No known significant effects or critical hazards.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
- Eye contact** : Causes serious eye irritation.

### Symptoms related to the physical, chemical and toxicological characteristics

- Inhalation** : No specific data.
- Ingestion** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
  - irritation
  - redness
  - dryness
  - cracking
- 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

#### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 11: Toxicological information

**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. 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** : 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. Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. 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.

## 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 not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

### 12.1 Toxicity

Product/ingredient name	Result	Species	Dose / Exposure
propan-2-ol	Acute - EC50 - Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	10.1 g/l [48 hours]
trimethoxy(methyl)silane	Acute - LC50	Fish	>110 mg/l [96 hours]
Hydrocarbons, C9, aromatics > 0.1% cumene	EC50	Daphnia	3.2 mg/l [48 hours]
ethanol	LC50	Fish	9.2 mg/l [96 hours]
	Acute - EC50 - Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	7640 mg/l [48 hours]
n-butyl acetate	Acute - LC50	Fish	18 mg/l [96 hours]

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

### 12.2 Persistence and degradability

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 12: Ecological information

Product/ingredient name	Test	Result	Dose / Inoculum
Hydrocarbons, C9, aromatics > 0.1% cumene n-butyl acetate	-	75% [28 days] - Readily	
	TEPA and OECD 301D	83% [28 days] - Readily	

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Hydrocarbons, C9, aromatics > 0.1% cumene ethanol n-butyl acetate	-	-	Readily
	-	-	Readily
	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Propan-2-ol	0.05	-	Low
tetraethyl silicate	3.18	-	Low
3-butoxypropan-2-ol	1.2	-	Low
ethanol	-0.35	-	Low
n-butyl acetate	2.3	-	Low

### 12.4 Mobility in soil

#### Soil/water partition coefficient

Product/ingredient name	logK <sub>oc</sub>	K <sub>oc</sub>
Propan-2-ol	0.54	3.4364
tetraethyl silicate	1.72	52.828
3-butoxypropan-2-ol	1.46	28.6002
trimethoxy(methyl)silane	1.69	48.856
ethanol	0.2	1.59008
n-butyl acetate	1.52	33.2139

### 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 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.

Code : 00335631  
DIMETCOTE 9H LIQUID

Date of issue/Date of revision : 16 February 2025

## 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 99	wastes not otherwise specified

#### 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

**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	No.	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

### Additional information

English (GB)

Europe

16/19



Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 14: Transport information

ADR/RID : None identified.

Tunnel code : (D/E)

ADN : None identified.

IMDG : None identified.

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

## 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](#)

None of the components are 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 )
 DIMETCOTE 9H LIQUID	3

**Labelling** : Not applicable.

**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
 5c

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


Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## 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

### Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Full text of classifications [CLP/GHS]

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

### History

Date of issue/ Date of revision : 16 February 2025

Date of previous issue : 21 October 2023

Prepared by : EHS

Version : 1.06

### Disclaimer

Code : 00335631

Date of issue/Date of revision

: 16 February 2025

DIMETCOTE 9H LIQUID

## SECTION 16: Other information

*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.*