



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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Pattex PL250

SDS No. : 666375  
V002.0

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

#### 1.1. Product identifier

Pattex PL250

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

Intended use:

Assembly adhesive, reaction

#### 1.3. Details of the supplier of the safety data sheet

Henkel Jebal Ali FZCO

PO Box 61341 - Jebel Ali

Dubai

Utd.Arab.Emir.

psra.imea@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

HAAD Poison and Drug Information Center UAE, TOLL FREE TEL. NUMBER 800-424

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Precautionary statement:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

#### 2.3. Other hazards

Evolves methanol during cure.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number	content	Classification
Trimethoxyvinylsilane 2768-02-7	220-449-8	1- < 5 %	Flam. Liq. 3 H226 Acute Tox. 4; Inhalation H332 STOT RE 2 H373 Skin Sens. 1B H317

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of adverse health effects seek medical advice.

#### Inhalation:

Move to fresh air, consult doctor if complaint persists.

#### Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

#### Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

#### Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

No data available.

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

See section: Description of first aid measures

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

#### Extinguishing media which must not be used for safety reasons:

High pressure waterjet

### 5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

### 5.3. Advice for firefighters

Wear protective equipment.

Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- Wear protective equipment.
- Ensure adequate ventilation.
- Avoid contact with skin and eyes.

### 6.2. Environmental precautions

- Do not empty into drains / surface water / ground water.

### 6.3. Methods and material for containment and cleaning up

- Remove mechanically.
- Dispose of contaminated material as waste according to Section 13.

### 6.4. Reference to other sections

- See advice in section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Ensure that workrooms are adequately ventilated.
- Avoid skin and eye contact.

#### Hygiene measures:

- Wash hands before work breaks and after finishing work.
- Do not eat, drink or smoke while working.

### 7.2. Conditions for safe storage, including any incompatibilities

- Store in a cool, dry place.
- Store between 5°C and 35°C.
- Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

### 7.3. Specific end use(s)

- Assembly adhesive, reaction

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Utd.Arab.Emir.

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		AD TLV
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	AD TLV
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		AD TLV
Methanol 67-56-1 [METHANOL]	250		Short Term Exposure Limit (STEL):		DB OEL
Methanol 67-56-1 [METHANOL]	200		Time Weighted Average (TWA):		DB OEL
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		GCC TLV
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	GCC TLV
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		GCC TLV
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		UAE OEL
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		UAE OEL
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	UAE OEL

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## Occupational Exposure Limits

Valid for  
Bharain

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		BH TLV
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	BH TLV
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		BH TLV
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		GCC TLV
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	GCC TLV
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		GCC TLV

## Occupational Exposure Limits

Valid for  
Egypt

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Limestone 1317-65-3 [CALCIUM CARBONATE (INCLUDING LIMESTONE AND MARBLE), TOTAL DUST CONTAINING NO MORE THAN 1% CRYSTALLIZED SILICA AND NO ASBESTOS]		10	Time Weighted Average (TWA):		EG OEL
Methanol 67-56-1 [METHYL ALCOHOL]	200	260	Time Weighted Average (TWA):		EG OEL
Methanol 67-56-1 [METHYL ALCOHOL]	250	325	Short-term Exposure Limit (STEL):		EG OEL
Methanol 67-56-1 [METHYL ALCOHOL]			Skin designation:	Can be absorbed through the skin.	EG OEL

## Occupational Exposure Limits

Valid for  
Jordan

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Methanol 67-56-1 [METHYL ALCOHOL]	200	260	Time Weighted Average (TWA):		JO TLV
Methanol 67-56-1 [METHYL ALCOHOL]			Skin designation:	Can be absorbed through the skin.	JO TLV
Methanol 67-56-1 [METHYL ALCOHOL]	250	310	Short Term Exposure Limit (STEL):		JO TLV

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## Occupational Exposure Limits

Valid for  
Kuwait

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Limestone 1317-65-3 [MARBLE (CALCIUM CARBONATE), TOTAL]		10	Time Weighted Average (TWA):		KW OEL
Limestone 1317-65-3 [MARBLE (CALCIUM CARBONATE), INHALED]		5	Time Weighted Average (TWA):		KW OEL
Limestone 1317-65-3 [MARBLE (CALCIUM CARBONATE), INHALED]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Limestone 1317-65-3 [MARBLE (CALCIUM CARBONATE), TOTAL]			Harmful Concentration for risk to health and life:	Unknown	KW OEL
Methanol 67-56-1 [METHANOL]	200	262	Time Weighted Average (TWA):		GCC TLV
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	GCC TLV
Methanol 67-56-1 [METHANOL]	250	328	Short Term Exposure Limit (STEL):		GCC TLV
Methanol 67-56-1 [METHYL ALCOHOL]	200	260	Time Weighted Average (TWA):		KW OEL
Methanol 67-56-1 [METHYL ALCOHOL]	250	325	Short-term Exposure Limit (STEL):		KW OEL
Methanol 67-56-1 [METHYL ALCOHOL]	6.000		Harmful Concentration for risk to health and life:		KW OEL
Methanol 67-56-1 [METHYL ALCOHOL]			Skin designation:	Can be absorbed through the skin.	KW OEL

## Occupational Exposure Limits

Valid for  
Israel

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Methanol 67-56-1 [METHANOL]	200		Time Weighted Average (TWA):		IL OEL
Methanol 67-56-1 [METHANOL]	250		Short-term exposure limit (STEL):		IL OEL
Methanol 67-56-1 [METHANOL]			Skin designation:	Danger of cutaneous absorption	IL OEL

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Valid for

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Kenya

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Limestone 1317-65-3 [MARBLE TOTAL INHALABLE DUST LIMESTONE TOTAL INHALABLE DUST CALCIUM CARBONATE TOTAL INHALABLE DUST]		10	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Limestone 1317-65-3 [MARBLE RESPIRABLE DUST CALCIUM CARBONATE RESPIRABLE DUST LIMESTONE RESPIRABLE DUST]		5	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Di-"isononyl" phthalate 28553-12-0 [Diisononyl phthalate]		5	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Methanol 67-56-1 [METHYL ALCOHOL METHANOL]			Skin designation:	Can be absorbed through the skin.	KE OEL-RL
Methanol 67-56-1 [METHANOL METHYL ALCOHOL]	200	260	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Methanol 67-56-1 [METHANOL METHYL ALCOHOL]	250	310	Short-term OEL-RL:		KE OEL-RL

## Biological Exposure Indices:

None

## 8.2. Exposure controls:

### Respiratory protection:

The product should only be used at workplaces with intensive ventilation/extraction. If intensive ventilation/extraction is not possible then self-contained independent respiratory protection should be worn.

### Hand protection:

Recommended are gloves made from Nitril rubber (Material thickness >0,1 mm, Perforation time < 30s). Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.

### Eye protection:

Not needed.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance

paste

solid

Off white

Odor

alcohol-like

Odour threshold

No data available / Not applicable

pH

Not applicable, Product is non-soluble (in water).

Initial boiling point

No data available / Not applicable

Flash point

Not applicable

Decomposition temperature

No data available / Not applicable

Vapour pressure

11,9 hPa

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(20 °C (68 °F); highest partial vapor pressure )	
Density (20 °C (68 °F))	1,63 g/cm <sup>3</sup>
Bulk density	No data available / Not applicable
Viscosity (; 20 °C (68 °F))	300.000 - 700.000 mPa.s
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	Not applicable, Product is a solid.
Oxidising properties	No data available / Not applicable

## 9.2. Other information

No data available / Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None if used for intended purpose.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

None if used properly.

### 10.6. Hazardous decomposition products

Evolves methanol during cure.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### General toxicological information:

An allergic reaction cannot be excluded after repeated skin contact.

#### Acute oral toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LD50	7.120 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)



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## Acute inhalative toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LC50	16,8 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

## Acute dermal toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LD50	3.200 mg/kg	dermal		rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

## Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	not irritating		rabbit	other guideline:

## Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

## Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Trimethoxyvinylsilane 2768-02-7	sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

## Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
	positive	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Trimethoxyvinylsilane 2768-02-7	negative	intraperitoneal		mouse	other guideline:

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## Reproductive toxicity:

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	NOAEL P = 250 mg/kg	one- generation study oral: gavage		rat	OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
	NOAEL P = 1.000 mg/kg	one- generation study oral: gavage		rat	OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
	NOAEL F1 = 1.000 mg/kg	one- generation study oral: gavage		rat	OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)

## Repeated dose toxicity

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Trimethoxyvinylsilane 2768-02-7	NOAEL=< 62,5 mg/kg	oral: gavage	42ddaily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Trimethoxyvinylsilane 2768-02-7	NOAEL=0,605 mg/l	inhalation: vapour	5 days/week for 14 weeks6 hours/day	rat	not specified

## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains, soil or bodies of water.

### 12.1. Toxicity

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LC50	191 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Trimethoxyvinylsilane 2768-02-7	EC50	168,7 mg/l	Daphnia	48 h	Daphnia magna	EU Method C.2 (Acute Toxicity for Daphnia)
Trimethoxyvinylsilane 2768-02-7	EC50	> 957 mg/l	Algae	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)
	NOEC	957 mg/l	Algae	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)
Trimethoxyvinylsilane 2768-02-7	EC50	> 100 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Trimethoxyvinylsilane 2768-02-7	NOEC	28,1 mg/l	chronic Daphnia	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

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## 12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Trimethoxyvinylsilane 2768-02-7	not readily biodegradable.	aerobic	51 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

## 12.3. Bioaccumulative potential / 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB
Trimethoxyvinylsilane 2768-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

080410

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## SECTION 14: Transport information

### 14.1. UN number

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

### 14.2. UN proper shipping name

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

### 14.3. Transport hazard class(es)

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

### 14.4. Packing group

ADR	Not dangerous goods
RID	Not dangerous goods
ADN	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

### 14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

### 14.6. Special precautions for user

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

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## SECTION 15: Regulatory information

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

No information available:

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Hexachlorobenzene CAS 118-74-1

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H226 Flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H332 Harmful if inhaled.
- H373 May cause damage to organs through prolonged or repeated exposure.

### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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