



**Safety Data Sheet according to REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021, published in GG 44348**

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Tangit PVC-U/HP

SDS No. : 819798

V001.1

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

**1.1. Product identifier**

Tangit PVC-U/HP

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

Intended use:

Solvent based adhesive

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

Henkel South Africa (PTY) Ltd.

Cnr Bosworth & Potgieter St

1449 Alberton

South Africa

Phone: +27 (116172400)

SDSinfo.Adhesive@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**

0800 202 202

**SECTION 2: Hazards identification**

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

**Classification (GHS):**

Flammable liquids	Category 2
H225 Highly flammable liquid and vapour.	
Skin irritation	Category 2
H315 Causes skin irritation.	
Serious eye damage	Category 1
H318 Causes serious eye damage.	
Carcinogenicity	Category 2
H351 Suspected of causing cancer.	
Specific target organ toxicity - single exposure	Category 3
H336 May cause drowsiness or dizziness.	
Target organ: Central nervous system	
Specific target organ toxicity - single exposure	Category 3
H335 May cause respiratory irritation.	
Target organ: respiratory tract irritation	

**2.2. Label elements**

**Label elements (GHS):**

**Hazard pictogram:****Contains**

tetrahydrofuran

Butanone  
Cyclohexanone**Signal word:**

Danger

**Hazard statement:**H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.**Precautionary statement:**P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.**Precautionary statement:  
Prevention**P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P261 Avoid breathing mist/vapours.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/eye protection.**Precautionary statement:  
Response**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.**Precautionary statement:  
Disposal**

P501 Dispose of contents/container in accordance with national regulation.

**2.3. Other hazards**

Solvents contained in the product evaporate during processing and their vapors can form explosive/highly inflammable air/vapor mixtures.

Pregnant women should absolutely avoid inhalation and skin contact.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

**Declaration of the ingredients:**

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Butanone 78-93-3	201-159-0	20- 40 %	STOT SE 3 H336 Eye Irrit. 2 H319 Flam. Liq. 2 H225
tetrahydrofuran 109-99-9	203-726-8	20- 30 %	STOT SE 3 H336 Flam. Liq. 2 H225 STOT SE 3 H335 Eye Irrit. 2 H319 Carc. 2 H351 Acute Tox. 4; Oral H302
Cyclohexanone 108-94-1	203-631-1	15- 25 %	Flam. Liq. 3 H226 Acute Tox. 4; Oral H302 Acute Tox. 4; Dermal H312 Acute Tox. 4; Inhalation H332 Eye Dam. 1 H318 Skin Irrit. 2 H315

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. Skin care. Remove contaminated clothes immediately.

#### Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

#### Ingestion:

Rinse mouth, do not induce vomiting, consult a doctor.

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

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

SKIN: Redness, inflammation.

After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).

Vapors may cause drowsiness and dizziness.

### 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 self-contained breathing apparatus.

Wear protective equipment.

**Additional information:**

Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Danger of slipping on spilled product.

**6.2. Environmental precautions**

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

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

Remove with liquid-absorbing material (sand, peat, sawdust).

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**

During processing and drying after adhesion, ventilate well. Avoid all sources of fire such as stoves and ovens. Switch off all electrical devices such as parabolic heaters, hot plates, storage heaters etc. in good time for them to have cooled down before commencing work. Avoid all sparks, including those occurring at electrical switches and devices.

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.

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**

Temperatures between + 5 °C and + 35 °C.

Store at room temperature.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Solvent based adhesive

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
South Africa

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Tetrahydrofuran 109-99-9 [Tetrahydrofuran]	100		Time Weighted Average (TWA):		ZA REL
Tetrahydrofuran 109-99-9 [Tetrahydrofuran]	200		Short Term Exposure Limit (STEL):		ZA REL
Butanone 78-93-3 [Methyl ethyl ketone (MEK)]	400		Time Weighted Average (TWA):		ZA REL
Butanone 78-93-3 [Methyl ethyl ketone (MEK)]			Skin designation:	Can be absorbed through the skin.	ZA REL
Butanone 78-93-3 [Methyl ethyl ketone (MEK)]	600		Short Term Exposure Limit (STEL):		ZA REL
Cyclohexanone 108-94-1 [Cyclohexanone]	100		Short Term Exposure Limit (STEL):		ZA REL
Cyclohexanone 108-94-1 [Cyclohexanone]	40		Time Weighted Average (TWA):		ZA REL
Cyclohexanone 108-94-1 [Cyclohexanone]			Skin designation:	Can be absorbed through the skin.	ZA REL
Polyvinyl chloride 9002-86-2 [Polyvinyl chloride (PVC)]		2	Time Weighted Average (TWA):		ZA REL
Silicon dioxide 112945-52-5 [Particles not otherwise specified (PNOS), total particulate]		10	Time Weighted Average (TWA):		ZA REL
Silicon dioxide 112945-52-5 [Particles not otherwise specified]		5	Time Weighted Average (TWA):		ZA REL

#### Occupational Exposure Limits

Valid for  
Kenya

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Tetrahydrofuran 109-99-9 [TETRAHYDROFURAN]	200	590	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Tetrahydrofuran 109-99-9 [TETRAHYDROFURAN]	250	735	Short-term OEL-RL:		KE OEL-RL
Butanone 78-93-3 [METHYL ETHYL KETONE (MEK) BUTAN-2-ONE]	200	590	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Butanone 78-93-3 [METHYL ETHYL KETONE (MEK) BUTAN-2-ONE]	300	885	Short-term OEL-RL:		KE OEL-RL
Cyclohexanone 108-94-1 [CYCLOHEXANONE]	100	400	Short-term OEL-RL:		KE OEL-RL
Cyclohexanone 108-94-1 [CYCLOHEXANONE]	25	100	Time-weighted average (TWA) OEL-RL:		KE OEL-RL

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Polyvinyl chloride 9002-86-2 [POLYVINYL CHLORIDE (PVC) RESPIRABLE DUST]		5	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Polyvinyl chloride 9002-86-2 [POLYVINYL CHLORIDE (PVC) TOTAL INHALABLE DUST]		10	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS TOTAL INHALABLE DUST]		6	Time-weighted average (TWA) OEL-RL:		KE OEL-RL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS RESPIRABLE DUST]		3	Time-weighted average (TWA) OEL-RL:		KE OEL-RL

**Predicted No-Effect Concentration (PNEC):**

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Butanone 78-93-3	aqua (freshwater)		55,8 mg/l				
Butanone 78-93-3	aqua (marine water)		55,8 mg/l				
Butanone 78-93-3	aqua (intermittent releases)		55,8 mg/l				
Butanone 78-93-3	sewage treatment plant (STP)		709 mg/l				
Butanone 78-93-3	sediment (freshwater)				284,74 mg/kg		
Butanone 78-93-3	sediment (marine water)				284,7 mg/kg		
Butanone 78-93-3	Soil				22,5 mg/kg		
Butanone 78-93-3	oral				1000 mg/kg		
tetrahydrofuran 109-99-9	aqua (freshwater)		4,32 mg/l				
tetrahydrofuran 109-99-9	aqua (marine water)		0,432 mg/l				
tetrahydrofuran 109-99-9	aqua (intermittent releases)		21,6 mg/l				
tetrahydrofuran 109-99-9	sewage treatment plant (STP)		4,6 mg/l				
tetrahydrofuran 109-99-9	sediment (freshwater)				23,3 mg/kg		
tetrahydrofuran 109-99-9	sediment (marine water)				2,33 mg/kg		
tetrahydrofuran 109-99-9	Soil				2,13 mg/kg		
tetrahydrofuran 109-99-9	oral				67 mg/kg		
tetrahydrofuran 109-99-9	Air						no hazard identified
Cyclohexanone 108-94-1	aqua (freshwater)		0,356 mg/l				
Cyclohexanone 108-94-1	aqua (marine water)		0,036 mg/l				
Cyclohexanone 108-94-1	sediment (freshwater)				2,69 mg/kg		
Cyclohexanone 108-94-1	Soil				0,328 mg/kg		
Cyclohexanone 108-94-1	sewage treatment plant (STP)		10 mg/l				
Cyclohexanone 108-94-1	Freshwater - intermittent		3,23 mg/l				
Cyclohexanone 108-94-1	sediment (marine water)				0,269 mg/kg		

**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Butanone 78-93-3	Workers	dermal	Long term exposure - systemic effects		1161 mg/kg	
Butanone 78-93-3	Workers	inhalation	Long term exposure - systemic effects		600 mg/m3	
Butanone 78-93-3	General population	dermal	Long term exposure - systemic effects		412 mg/kg	
Butanone 78-93-3	General population	inhalation	Long term exposure - systemic effects		106 mg/m3	
Butanone 78-93-3	General population	oral	Long term exposure - systemic effects		31 mg/kg	
tetrahydrofuran 109-99-9	Workers	Inhalation	Long term exposure - systemic effects		72,4 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	Workers	dermal	Long term exposure - systemic effects		12,6 mg/kg	no hazard identified
tetrahydrofuran 109-99-9	General population	Inhalation	Long term exposure - systemic effects		13 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	General population	dermal	Long term exposure - systemic effects		1,5 mg/kg	no hazard identified
tetrahydrofuran 109-99-9	General population	Inhalation	Acute/short term exposure - systemic effects		52 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	General population	Inhalation	Acute/short term exposure - local effects		150 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	Workers	Inhalation	Acute/short term exposure - systemic effects		96 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	Workers	Inhalation	Acute/short term exposure - local effects		300 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	Workers	inhalation	Long term exposure - local effects		150 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	General population	inhalation	Long term exposure - local effects		75 mg/m3	no hazard identified
tetrahydrofuran 109-99-9	General population	oral	Long term exposure - systemic effects		1,5 mg/kg	no hazard identified
Cyclohexanone 108-94-1	Workers	Inhalation	Acute/short term exposure - systemic effects		80 mg/m3	
Cyclohexanone 108-94-1	Workers	dermal	Acute/short term exposure - systemic effects		4 mg/kg	
Cyclohexanone 108-94-1	Workers	Inhalation	Acute/short term exposure - local effects		80 mg/m3	
Cyclohexanone 108-94-1	Workers	dermal	Long term exposure - systemic effects		4 mg/kg	
Cyclohexanone 108-94-1	Workers	Inhalation	Long term exposure - systemic effects		40 mg/m3	
Cyclohexanone 108-94-1	Workers	Inhalation	Long term exposure - local effects		40 mg/m3	
Cyclohexanone 108-94-1	General population	dermal	Acute/short term exposure - systemic effects		1 mg/kg	
Cyclohexanone 108-94-1	General population	Inhalation	Acute/short term exposure -		20 mg/m3	



			systemic effects			
Cyclohexanone 108-94-1	General population	oral	Acute/short term exposure - systemic effects		1,5 mg/kg	
Cyclohexanone 108-94-1	General population	Inhalation	Acute/short term exposure - local effects		40 mg/m3	
Cyclohexanone 108-94-1	General population	dermal	Long term exposure - systemic effects		1 mg/kg	
Cyclohexanone 108-94-1	General population	Inhalation	Long term exposure - systemic effects		10 mg/m3	
Cyclohexanone 108-94-1	General population	oral	Long term exposure - systemic effects		1,5 mg/kg	
Cyclohexanone 108-94-1	General population	Inhalation	Long term exposure - local effects		20 mg/m3	
Cyclohexanone 108-94-1	Workers	dermal	Acute/short term exposure - local effects		10 mg/kg	

**Biological Exposure Indices:**

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
Tetrahydrofuran 109-99-9 [Tetrahydrofuran]	tetrahydrofuran	Urine	Sampling time: End of shift.	2 mg/l	ZA BEI		
Butanone 78-93-3 [METHYL ETHYL KETONE (MEK)]	MEK	Urine	Sampling time: End of shift.	2 mg/l	ZA BEI		
Cyclohexanone 108-94-1 [Cyclohexanone]	Cyclohexanol, with hydrolysis	Urine	Sampling time: End of shift.	8 mg/l	ZA BEI		
Cyclohexanone 108-94-1 [Cyclohexanone]	1,2-Cyclohexane diol, with hydrolysis	Urine	Sampling time: End of shift at end of work week.	80 mg/l	ZA BEI		

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.

In the case of longer contact protective gloves made from butyl rubber are recommended according to EN 374.

material thickness > 0,3 mm

Perforation time > 10 minutes

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

**Skin protection:**

Suitable protective clothing

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	liquid liquid turbid
Odor	characteristic
Odour threshold	No data available / Not applicable
pH (20 °C (68 °F))	Product is non-soluble (in water).
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	66 °C (150.8 °F)
Flash point	-0,4 °C (31.28 °F); Internal Henkel specification
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Relative vapour density:	No data available / Not applicable
Density (20 °C (68 °F))	0,98 g/cm <sup>3</sup>
Bulk density	No data available / Not applicable
Solubility	No data available / Not applicable
Solubility (qualitative)	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Viscosity (; 20 °C (68 °F))	7.500 - 15.000 mPa.s
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
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**

None known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Butanone 78-93-3	LD 50	670 mg/kg	Mouse	
Butanone 78-93-3	LD 50	2.300 - 3.500 mg/kg	Rat	
Butanone 78-93-3	LD 50	4.500 - 6.800 mg/kg	Rat	
tetrahydrofuran 109-99-9	LD 50	1.650 mg/kg	Rat	

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Butanone 78-93-3	LD 50	> 8.000 mg/kg	Rabbit	

**Acute inhalative toxicity:**

The toxicity of the product is due to its narcotic effect after inhalation.

In the event of protracted or repeated exposure, damage to health cannot be excluded.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
tetrahydrofuran 109-99-9	LC 50	> 60,6 mg/l	Vapor	6 h	Rat	
tetrahydrofuran 109-99-9	NOAEL	16,8 mg/l	Vapor	6 h	Rat	
tetrahydrofuran 109-99-9	NOAEL	15,9 mg/l	Vapor	6 h	Rat	
tetrahydrofuran 109-99-9	LC 50	375 mg/l	Vapor	10 min	Rat	
tetrahydrofuran 109-99-9	LC 100	300 mg/l	Vapor	10 min	Rat	
tetrahydrofuran 109-99-9	NOAEL	500 ppm	Inhalation	6 h	Rat	
tetrahydrofuran 109-99-9	LC 50	> 14,7 mg/l	Inhalation	6 h	Rat	
tetrahydrofuran 109-99-9	LC 50	> 5000 ppm	Inhalation	6 h	Rat	
Cyclohexanone 108-94-1	LC 50	> 6,2 mg/l	Vapor	4 h	Rat	

**Skin corrosion/irritation:**

No data available.

**Serious eye damage/irritation:**

No data available.

**Respiratory or skin sensitization:**

No data available.

**Germ cell mutagenicity:**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

No data available.

**Aspiration hazard:**

No data available.

**SECTION 12: Ecological information****General ecological information:**

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

**12.1. Toxicity****Toxicity (Fish):**

No data available.

**Toxicity (aquatic invertebrates):**

No data available.

**Chronic toxicity (aquatic invertebrates):**

No data available.

**Toxicity (Algae):**

No data available.

**Toxicity (microorganisms):**

No data available.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

Hazardous substances CAS-No.	PBT / vPvB
Butanone 78-93-3	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
tetrahydrofuran 109-99-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Cyclohexanone 108-94-1	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

080409

**SECTION 14: Transport information****14.1. UN number or ID number**

ADR	1133
RID	1133
ADN	1133
IMDG	1133
IATA	1133

**14.2. UN proper shipping name**

ADR	ADHESIVES
RID	ADHESIVES
ADN	ADHESIVES
IMDG	ADHESIVES
IATA	Adhesives

**14.3. Transport hazard class(es)**

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

**14.4. Packing group**

ADR	II
RID	II
ADN	II
IMDG	II
IATA	II

**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	Special provision 640D Tunnelcode: (D/E)
RID	Special provision 640D
ADN	Special provision 640D
IMDG	not applicable
IATA	not applicable

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information**

No information available:

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

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):	Not applicable

**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:

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.

**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.

This Safety Data Sheet has been generated based on REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021, published in GG 44348 and it is applicable for South Africa and SADC countries only. No warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory, including export laws and regulations. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory affairs for additional assistance.

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