

**STAPLES Correction Pen**

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

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

- 1.1. Product identifier**  
Substance / mixture STAPLES Correction Pen  
Other mixture names FluidPenW
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Mixture's intended use The product is intended for sale to the consumer and the professional/industrial use.

**The use descriptors**

PC 9a Coatings and paints, thinners, paint removers

Mixture uses advised against not available

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

Name or trade name	Kores Europe s.r.o.
Address	Nivka 336, Strmilov, 378 53 Czech Republic
Identification number (CRN)	48208124
Phone	+420384371621
E-mail	strmilov@kores.cz
Web address	www.kores.cz

**Competent person responsible for the safety data sheet**

Name	Kores Europe s.r.o.
E-mail	strmilov@kores.cz

**1.4. Emergency telephone number**

National Health Service (NHS) 111  
National poisoning information centre Scotland, NHS 24: 111

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Flam. Liq. 2, H225  
STOT SE 3, H336  
Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

**Most serious adverse physico-chemical effects**

Highly flammable liquid and vapour.

**Most serious adverse effects on human health and the environment**

May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

**2.2. Label elements****Hazard pictogram****Signal word**

Danger

**Hazardous substances**

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

**Hazard statements**

H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing vapours.
- P273 Avoid release to the environment.
- P312 Call a POISON CENTER if you feel unwell.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container to in accordance with local regulations by handing over to a person authorized to dispose of waste or a site designated by the town.

**Supplemental information**

EUH 066 Repeated exposure may cause skin dryness or cracking.

**Requirements for child-resistant fastenings and tactile warning of danger**

Container must carry a tactile warning of danger.

**2.3. Other hazards**

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
EC: 920-750-0 Registration number: 01-2119473851-33-0003	Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes	23-26	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH 066	
Index: 601-030-00-2 CAS: 287-92-3 EC: 206-016-6	cyclopentane	12-15	Flam. Liq. 2, H225 Aquatic Chronic 3, H412	2
Index: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2	cyclohexane	<0,5	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	2, 3
Index: 601-006-00-1 CAS: 109-66-0 EC: 203-692-4	pentane	<0,5	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH 066	1, 2
Index: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	1-methoxy-2-propanol	<0,3	Flam. Liq. 3, H226 STOT SE 3, H336	2

**Notes**

- 1 Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- 2 Substance for which exposure limits of Community for working environment exist.

**STAPLES Correction Pen**

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

**If inhaled**

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

**If on skin**

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water/shower.

**If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

**If swallowed**

Rinse out the mouth with clean water. In the event of issues, find medical help.

**4.2. Most important symptoms and effects, both acute and delayed****If inhaled**

May cause drowsiness or dizziness.

**If on skin**

Not expected.

**If in eyes**

Not expected.

**If swallowed**

Irritation, nausea.

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

Symptomatic treatment.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

**Unsuitable extinguishing media**

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

**5.3. Advice for firefighters**

Use a self-contained breathing apparatus and full-body protective clothing. Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

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

Provide sufficient ventilation. Highly flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water.

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

Storage class 3A - Flammable liquids (flash point below 55 °C)

Packaging type II

#### The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
cyclohexane (CAS: 110-82-7)	OEL	8 hours	700 mg/m <sup>3</sup>		EU limits
	OEL	8 hours	200 ppm		
pentane (CAS: 109-66-0)	OEL	8 hours	3000 mg/m <sup>3</sup>		EU limits
	OEL	8 hours	1000 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	OEL	8 hours	375 mg/m <sup>3</sup>	skin	EU limits
	OEL	8 hours	100 ppm	skin	
	OEL	Short-term	568 mg/m <sup>3</sup>	skin	
	OEL	Short-term	150 ppm	skin	

#### United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
cyclopentane (CAS: 287-92-3)	WEL	8 hours	1800 mg/m <sup>3</sup>		Gestis
	WEL	8 hours	619 ppm		
cyclohexane (CAS: 110-82-7)	WEL	8 hours	350 mg/m <sup>3</sup>		GBR
	WEL	1 hour	1050 mg/m <sup>3</sup>		
	WEL	8 hours	100 ppm		

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

### United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
cyclohexane (CAS: 110-82-7)	WEL	1 hour	300 ppm		GBR
pentane (CAS: 109-66-0)	WEL	8 hours	1800 mg/m <sup>3</sup>		GBR
	WEL	8 hours	600 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	WEL	8 hours	375 mg/m <sup>3</sup>	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	1 hour	560 mg/m <sup>3</sup>	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	1 hour	150 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

### Slovakia

Substance name (component)	Type	Time of exposure	Value	Note	Source
cyclohexane (CAS: 110-82-7)	NPEL	8 hours	700 mg/m <sup>3</sup>		SVK
	NPEL	8 hours	200 ppm		
pentane (CAS: 109-66-0)	NPEL	8 hours	3000 mg/m <sup>3</sup>		SVK
	NPEL	8 hours	1000 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	NPEL	8 hours	375 mg/m <sup>3</sup>	means that the factor can be easily absorbed through the skin	SVK
	NPEL	8 hours	100 ppm	means that the factor can be easily absorbed through the skin	
	NPEL	Short-term	568 mg/m <sup>3</sup>	means that the factor can be easily absorbed through the skin	
	NPEL	Short-term	150 ppm	means that the factor can be easily absorbed through the skin	

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

### DNEL

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	2035 mg/m <sup>3</sup>	Systemic chronic effects	
Workers	Dermal	773 mg/kg bw/day	Systemic chronic effects	
Consumers	Dermal	699 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	608 mg/m <sup>3</sup>	Systemic chronic effects	
Consumers	Oral	699 mg/kg bw/day	Systemic chronic effects	

### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed). Under regular circumstances it is not necessary.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. Under regular circumstances it is not necessary.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

## SECTION 9: Physical and chemical properties

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

Appearance	liquid
Physical state	liquid at 20°C
color	white
Odour	data not available
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	48-50 °C
Flash point	-25 °C
Evaporation rate	data not available
Flammability (solid, gas)	Highly flammable liquid and vapour.
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	
bottom	1 %
upper	6.5 %
Vapour pressure	40 hPa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	>22 mm <sup>2</sup> /s at 40°C
Explosive properties	data not available
Oxidising properties	not available
data not available	

### 9.2. Other information

Density	1.32 g/cm <sup>3</sup> at 20 °C
ignition temperature	data not available
content of organic solvents (VOC)	43%
solid content (dry matter)	62 % volume
none	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The mixture is highly flammable.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

### 10.4. Conditions to avoid

Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

#### 1-methoxy-2-propanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		3739 mg/kg		Rat	
Dermal	LD50		13000 mg/kg		Rabbit	
Inhalation	LC50		31.59 mg/l	4 hour	Rat	
	LD50		>2000 mg/kg bw		Rat	

#### cyclohexane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		5000 mg/kg bw		Rat	
Inhalation	LC50		32.88 mg/l of air	4 hour	Rat	
Dermal	LC50		2000 mg/kg bw	4 hour	Rabbit	

#### cyclopentane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50	OECD 423	>5000 mg/kg		Rat	
Inhalation	LD50	OECD 403	>25.3 mg/l	4 hour	Rat	

**STAPLES Correction Pen**

Creation date 24. February 2020  
Revision date 11. December 2019 Version 1.4

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation	LD50	OECD 403	>23.3 mg/kg	4 hour	Rat	
Oral	LD50	OECD 401	>5820 mg/kg		Rat	
Dermal	LD50	OECD 402	>2920 mg/kg		Rabbit	

pentane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		>2000 mg/kg		Rat	

**Skin corrosion/irritation**

Prolonged or repeated contact with the product causes skin degreasing and drying.

**Serious eye damage/irritation**

Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation**

Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data the classification criteria are not met.

**Carcinogenicity**

Based on available data the classification criteria are not met.

**Reproductive toxicity**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - single exposure**

May cause drowsiness or dizziness.

**Toxicity for specific target organ - repeated exposure**

Based on available data the classification criteria are not met.

**Repeated dose toxicity**

cyclohexane

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Inhalation	NOAEC		6880 mg/m <sup>3</sup>		Mouse	

**Aspiration hazard**

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

**SECTION 12: Ecological information****12.1. Toxicity**

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

### Acute toxicity

Toxic to aquatic life with long lasting effects.

#### 1-methoxy-2-propanol

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC50	20.8 g/l	96 hour	Fishes (Pimephales promelas)		
LC50	4600-10000 mg/l	96 hour	Fishes (Leuciscus idus)		
EC50	23300 mg/l	48 hour	Daphnia (Daphnia magna)		
EC50	>1000 mg/l	168 hour	Algae		

#### cyclohexane

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC50	4.53 mg/l	96 hour	Fishes	Freshwater	
EC50	0.9 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater	
EC50	4.425 mg/l	72 hour	Algae and other aquatic plants	Freshwater	
NOEC	925 µg/l	72 hour	Algae and other aquatic plants	Salt water	
EC50	29 mg/l	15 hour	Microorganisms		

#### cyclopentane

Parameter	Value	Time of exposure	Species	Environment	Determining method
LL 50	29.3 mg/l	96 hour	Fishes (Oncorhynchus mykiss)		
EL50	51.1 mg/l	72 hour	Daphnia (Daphnia magna)		
ErL50	21.6 mg/l	72 hour	Algae and other aquatic plants (Pseudokirchneriella subcapitata)		
NOEL	4.8 mg/l	72 hour	Algae and other aquatic plants (Pseudokirchneriella subcapitata)		

#### Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Parameter	Value	Time of exposure	Species	Environment	Determining method
EL 50	4.6-10 mg/l	48 hour	Crustaceans (Daphnia magna)		
LL 50	3-10 mg/l	96 hour	Fishes (Oncorhynchus mykiss)		
EL 50	10-30 mg/l	72 hour	Algae (Selenastrum capricornutum)		
NOELR	10 mg/l	96 hour	Algae (Pseudokirchneriella subcapitata)		
NOEL	3 mg/l	96 hour	Fishes (Oncorhynchus mykiss)		

## STAPLES Correction Pen

Creation date 24. February 2020  
 Revision date 11. December 2019 Version 1.4

### Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Parameter	Value	Time of exposure	Species	Environment	Determining method
NOELR	0.574 mg/l	28 day	Fishes (Oncorhynchus mykiss)		
NOELR	1 mg/l	21 day	Crustaceans		
EL 50	13 mg/l	4 day	Algae (Pseudokirchneriella subcapitata)		

### pentane

Parameter	Value	Time of exposure	Species	Environment	Determining method
EL 50	105.9 mg/l	48 hour	Microorganisms (Tetrahymena pyriformis)		
NOEL	12.7 mg/l		Microorganisms (Tetrahymena pyriformis)		
EL 50	20.33 mg/l	72 hour	Algae (Selenastrum capricornutum)		Indicator of growth
NOEL	4.549 mg/l	72 hour	Algae		Indicator of growth
EC50	10.7 mg/l		Algae		Indicator of growth
NOEC	2.04 mg/l		Algae		Indicator of growth
EL 50	48.11 mg/l	48 hour	Aquatic invertebrates	Freshwater	
EC50	2.7 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater	
LL 50	27.55 mg/l	96 hour	Fishes	Freshwater	Mortal
LC50	4.26 mg/l	96 hour	Fishes	Freshwater	

### Chronic toxicity

#### cyclopentane

Parameter	Value	Time of exposure	Species	Environment	Determining method
NOELR	6.56 mg/l	28 day	Fishes (Oncorhynchus mykiss)		
	11.4 mg/l	21 day	Daphnia (Daphnia magna)		

### Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Parameter	Value	Time of exposure	Species	Environment	Determining method
LOEC	0.32 mg/l	21 day	Crustaceans (Daphnia magna)		
NOEC	0.17 mg/l	21 day	Crustaceans (Daphnia magna)		

### pentane

Parameter	Value	Time of exposure	Species	Environment	Determining method
NOELR	10.76 mg/l	21 day	Aquatic invertebrates	Freshwater	
NOELR	6.165 mg/l	28 day	Fishes	Freshwater	Indicator of growth

### 12.2. Persistence and degradability

**STAPLES Correction Pen**

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

**Biodegradability**

cyclopentane

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	0 %	28 day		

Data not available.

**12.3. Bioaccumulative potential**

Not available.

**12.4. Mobility in soil**

Not available.

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Other adverse effects**

Not available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

**Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

**Waste type code**

20 01 27 paint, inks, adhesives and resins containing hazardous substances \*

**Packaging waste type code**

15 01 10 packaging containing residues of or contaminated by hazardous substances \*

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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

UN 1263

**14.2. UN proper shipping name**

PAINT

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

3 Flammable liquids

**14.4. Packing group**

II - substances presenting medium danger

**14.5. Environmental hazards**

Yes

**14.6. Special precautions for user**

Reference in the Sections 4 to 8.

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

not available

## STAPLES Correction Pen

Creation date	24. February 2020	Version	1.4
Revision date	11. December 2019		

### Additional information

Hazard identification No.	<b>33</b>	(Kemler Code)
UN number	<b>1263</b>	
Classification code	F1	
Safety signs	3+hazardous for the environment	



### Air transport - ICAO/IATA

Packaging instructions passenger	353
Cargo packaging instructions	364

### Marine transport - IMDG

EmS (emergency plan)	F-E, S-E
MFAG	310
Marine Pollutant	Yes

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

#### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

cyclohexane

Restriction	Conditions of restriction
57	<p>1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of neoprene-based contact adhesives in concentrations equal to or greater than 0,1 % by weight in package sizes greater than 350 g.</p> <p>2. Neoprene-based contact adhesives containing cyclohexane and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.</p> <p>3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that neoprene-based contact adhesives containing cyclohexane in concentrations equal to or greater than 0,1 % by weight that are placed on the market for supply to the general public after 27 December 2010 are visibly, legibly and indelibly marked as follows:</p> <p>— This product is not to be used under conditions of poor ventilation.                      — This product is not to be used for carpet laying.”</p>

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

## STAPLES Correction Pen

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Revision date	11. December 2019	Version	1.4

- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

**Guidelines for safe handling used in the safety data sheet**

- P501 Dispose of contents/container to in accordance with local regulations by handing over to a person authorized to dispose of waste or a site designated by the town.
- P102 Keep out of reach of children.
- P405 Store locked up.
- P101 If medical advice is needed, have product container or label at hand.
- P391 Collect spillage.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P312 Call a POISON CENTER if you feel unwell.
- P261 Avoid breathing vapours.
- P233 Keep container tightly closed.
- P273 Avoid release to the environment.

**A list of additional standard phrases used in the safety data sheet**

- EUH 066 Repeated exposure may cause skin dryness or cracking.

**Other important information about human health protection**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to abbreviations and acronyms used in the safety data sheet**

- ADR European agreement concerning the international carriage of dangerous goods by road
- BCF Bioconcentration Factor
- CAS Chemical Abstracts Service
- CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
- DNEL Derived no-effect level
- EC Identification code for each substance listed in EINECS
- EC50 Concentration of a substance when it is affected 50% of the population
- EINECS European Inventory of Existing Commercial Chemical Substances
- EmS Emergency plan
- EU European Union
- IATA International Air Transport Association
- IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
- IC50 Concentration causing 50% blockade
- ICAO International Civil Aviation Organization
- IMDG International Maritime Dangerous Goods
- INCI International Nomenclature of Cosmetic Ingredients
- ISO International Organization for Standardization
- IUPAC International Union of Pure and Applied Chemistry
- LC50 Lethal concentration of a substance in which it can be expected death of 50% of the population
- LD50 Lethal dose of a substance in which it can be expected death of 50% of the population
- LOAEC Lowest observed adverse effect concentration
- LOAEL Lowest observed adverse effect level
- log Kow Octanol-water partition coefficient
- MARPOL International Convention for the Prevention of Pollution From Ships
- NOAEC No observed adverse effect concentration
- NOAEL No observed adverse effect level
- NOEC No observed effect concentration
- NOEL No observed effect level
- NPTEL The highest acceptable exposure limit
- OEL Occupational Exposure Limits

**STAPLES Correction Pen**

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PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Asp. Tox.	Aspiration hazard
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

**Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

**Recommended restrictions of use**

not available

**Information about data sources used to compile the Safety Data Sheet**

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

**More information**

Classification procedure - calculation method.

**Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.