

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 1 of 14

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

120.000 Renia - forte - fast contact adhesive tf

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

Adhesives, sealants  
Roller application or brushing of adhesive and other coating.  
Reserved for industrial and professional use.

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

Company name:	Renia Gesellschaft mbH. Chemische Fabrik	
	D	
Street:	Ostmerheimer Straße 516	
Place:	D-51109 Köln (Cologne)	
Post-office box:	910659	
	D-51076 Köln (Cologne)	
Telephone:	+49-221-630799-0	Telefax: +49-221-630799-50
e-mail:	info@renia.com	
Contact person:	Heinz Buchholz Dipl.Chem	Telephone: 16
e-mail:	labor@renia.com	
Internet:	www.renia.com	
Responsible Department:	Labor 07:30 - 16:00 Uhr	

**1.4. Emergency telephone number:**

+49-221-630799-0

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

Hazard categories:

Flammable liquid: Flam. Liq. 2  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Irrit. 2  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Highly flammable liquid and vapour.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Toxic to aquatic life with long lasting effects.

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

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

cyclohexane  
Ethyl acetate  
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

**Signal word:** Danger

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 2 of 14

**Pictograms:****Hazard statements**

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P235	Keep cool.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see Hazard statements on this label).

**Special labelling of certain mixtures**

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Rosin, colophony. May produce an allergic reaction.

**Additional advice on labelling**

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

**2.3. Other hazards**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

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

polychloroprene adhesive with modified synthetic resins and stabilizers in a mixture of organic solvents

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 3 of 14

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
141-78-6	ethyl acetate			30 - < 35 %
	205-500-4	607-022-00-5	01-2119475103-46	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha			25 - < 30 %
	265-151-9	649-328-00-1	01-2119475133-43	
	Flam. Liq. 2, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H304 H411			
110-82-7	cyclohexane			15 - < 20 %
	203-806-2	601-017-00-1	01-2119463273-41	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H225 H315 H336 H304 H400 H410			
8050-09-7	Rosin, colophony			< 1 %
	232-475-7	650-015-00-7	01-2119480418-32	
	Skin Sens. 1; H317			

Full text of H and EUH statements: see section 16.

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

Remove affected person from the danger area and lay down.

**After inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

**After contact with skin**

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. Grease skin after contact

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

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

Allergic reactions.

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

Treat symptomatically. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position. Where appropriate artificial ventilation.

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

Carbon dioxide (CO<sub>2</sub>), alcohol resistant foam. Extinguishing powder, ABC powder. Atomized water. Dry sand.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 120.000 Renia - forte - fast contact adhesive tf

Revision date: 05.07.2017

Product code: 120.000tf

Page 4 of 14

#### Unsuitable extinguishing media

High power water jet. High power water jet.

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

Flammable. Vapours can form explosive mixtures with air. In case of fire and/or explosion do not breathe fumes. In case of fire may be liberated: Hydrogen chloride (HCl). Burning produces heavy smoke.

#### 5.3. Advice for firefighters

Special exposure hazards arising from the substance itself, combustion products, resulting gases: In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Suppress gases/vapours/mists with water spray jet. Use water spray jet to protect personnel and to cool endangered containers. Remove product from area of fire. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapour/aerosol.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

##### Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapours / aerosols must be extracted by suction immediately at point of origin. Take precautionary measures against static discharges.

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

##### Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Recommended storage temperature: 15-30 °C Ensure adequate ventilation of the storage area.

##### Advice on storage compatibility

Do not store together with: Oxidising agent, Pyrophoric or self-heating substances. Store packaging and combustible materials separately from one another. Keep away from food, drink and animal feedingstuffs.

##### Further information on storage conditions

Floors should be impervious, resistant to liquids and easy to clean.  
Store small packages in a suitable, robust cabinet.

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



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 120.000 Renia - forte - fast contact adhesive tf

Revision date: 05.07.2017

Product code: 120.000tf

Page 5 of 14

Adhesives, sealants Roller application or brushing of adhesive and other coating.

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
110-82-7	Cyclohexane	100	350		TWA (8 h)	WEL
		300	1050		STEL (15 min)	WEL
141-78-6	Ethyl acetate	200	-		TWA (8 h)	WEL
		400	-		STEL (15 min)	WEL

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
141-78-6	ethyl acetate			
	Worker DNEL, long-term	inhalation	systemic	1468 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	local	1468 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	63 mg/kg bw/day
	Worker DNEL, long-term	inhalation	local	734 mg/m <sup>3</sup>
	Consumer DNEL, acute	inhalation	systemic	734 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	734 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	37 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	367 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	4,5 mg/kg bw/day
	Consumer DNEL, acute	inhalation	local	367 mg/m <sup>3</sup>
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha			
	Worker DNEL, long-term	dermal	systemic	13964 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	5306 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	1377 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	local	1137 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	1601 mg/kg bw/day
110-82-7	cyclohexane			
	Consumer DNEL, long-term	oral	systemic	59,4 mg/kg bw/day
	Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
	Worker DNEL, long-term	dermal	systemic	2016 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	206 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation	systemic	700 mg/m <sup>3</sup>

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 120.000 Renia - forte - fast contact adhesive tf

Revision date: 05.07.2017

Product code: 120.000tf

Page 6 of 14

#### PNEC values

CAS No	Substance	
Environmental compartment		Value
141-78-6	ethyl acetate	
Freshwater		0,26 mg/l
Marine water		0,026 mg/l
Freshwater sediment		0,34 mg/kg
Marine sediment		0,034 mg/kg
Soil		0,22 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

##### Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Before starting work, apply solvent-resistant skincare preparations.

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Test suitability of gloves before use.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material : 0,5 mm

Breakthrough time (maximum wearing time) : >= 1 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation. With correct and proper use, and under normal conditions, breathing protection is not required. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filtering device (EN 14387) Use the following filter types for cleaning waste gases: A-P2

##### Environmental exposure controls

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
 Colour: light yellow  
 Odour: ester

#### Test method

pH-Value: not applicable

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 7 of 14

**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	65 °C DIN 53 171
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	-18 °C DIN 51 755
Sustaining combustion:	No data available

**Flammability**

Solid:	not applicable
Gas:	not applicable

**Explosive properties**

Vapours can form explosive mixtures with air.

Lower explosion limits:	1 vol. %
Upper explosion limits:	11,5 vol. %
Ignition temperature:	200 °C DIN 51 794

**Auto-ignition temperature**

Solid:	not applicable
Gas:	not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure: (at 20 °C)	175 hPa DIN EN 12
Vapour pressure: (at 50 °C)	950 hPa
Density (at 20 °C):	0,82 g/cm <sup>3</sup> DIN 51 757
Bulk density:	not applicable
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water

**Solubility in other solvents**

not determined

Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	1200-2000 mPa·s
Viscosity / kinematic:	not determined
Flow time: (at 20 °C)	> 300 (3 mm)
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	< 0,1 %
Solvent content:	76,30 %

**9.2. Other information**

Solid content:	23,70 %
----------------	---------

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 8 of 14

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

**10.2. Chemical stability**

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

**10.3. Possibility of hazardous reactions**

Gas/vapour, highly flammable. Vapours can form explosive mixtures with air.

**10.4. Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Decomposition takes place from temperatures above: > 150 °C

**10.5. Incompatible materials**

Acid, concentrated., Oxidizing agents, strong.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapours.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

There are no data available on the preparation/mixture itself.

**Acute toxicity**

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

There are no data available on the preparation/mixture itself.



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 9 of 14

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
141-78-6	ethyl acetate				
	oral	LD50 5600 mg/kg	Rat		
	dermal	LD50 18000 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 58 mg/l	Rat		
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha				
	oral	LD50 5000 mg/kg	Rat		
	dermal	LD50 3160 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 25 mg/l	Rat		
110-82-7	cyclohexane				
	oral	LD50 12705 mg/kg	Rat		
	dermal	LD50 2000 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 20 mg/l	Rat		
8050-09-7	Rosin, colophony				
	oral	LD50 2000 mg/kg	Rat		
	dermal	LD50 2000 mg/kg	Rabbit		

**Irritation and corrosivity**

Causes skin irritation.

Causes serious eye irritation.

Frequently or prolonged contact with skin may cause dermal irritation.

**Sensitising effects**

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

May cause sensitization by inhalation and skin contact. Koloophonium

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

There are no data available on the preparation/mixture itself.

**STOT-single exposure**

May cause drowsiness or dizziness. (ethyl acetate)

There are no data available on the preparation/mixture itself.

**STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Inhalation causes narcotic effects/intoxication.

**Aspiration hazard**

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

There are no data available on the preparation/mixture itself.

**Specific effects in experiment on an animal**

There are no data available on the preparation/mixture itself.

**Additional information on tests**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 10 of 14

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

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Longterm fish toxicity. Product is easily volatile. Product is slightly soluble in test vehicle. An aqueous dispersion has been tested.

CAS No	Chemical name	Dose		[h]   [d]	Species	Source	Method
141-78-6	ethyl acetate						
	Acute fish toxicity	LC50	230 mg/l	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50	3300 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50	717 mg/l	48 h	Daphnia magna		
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha						
	Acute fish toxicity	LC50	10 mg/l	96 h	Fisch		
	Acute algae toxicity	ErC50	10 mg/l	72 h	Alge		
	Acute crustacea toxicity	EC50	10 mg/l	48 h	Daphnie		
110-82-7	cyclohexane						
	Acute fish toxicity	LC50	55 mg/l	96 h	Leuciscus idus melanotus		
	Acute algae toxicity	ErC50	500 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50	0,9 mg/l	48 h	Daphnia magna		

**12.2. Persistence and degradability**

Product is biodegradable with difficulty.

**12.3. Bioaccumulative potential**

There are no data available on the preparation/mixture itself.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
141-78-6	ethyl acetate	0,6
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	4-5
110-82-7	cyclohexane	3,4

**BCF**

CAS No	Chemical name	BCF	Species	Source
141-78-6	ethyl acetate	30		

**12.4. Mobility in soil**

There are no data available on the preparation/mixture itself.

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

There are no data available on the preparation/mixture itself.

**12.6. Other adverse effects**

Toxic to aquatic life with long lasting effects.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 11 of 14

**Advice on disposal**

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

**Waste disposal number of waste from residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**Waste disposal number of used product**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**Waste disposal number of contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Contaminated packaging**

Dispose according to legislation. Completely emptied packages can be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** UN 1133  
**14.2. UN proper shipping name:** Adhesives (Cyclohexane) Hazardous Material: Naphta  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Special Provisions: 640H  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 33  
Tunnel restriction code: D/E

**Other applicable information (land transport)**

Additional information on classification : 2.2.3.1.4 ADR / GGVSEB

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1133  
**14.2. UN proper shipping name:** Adhesives (Cyclohexane) Hazardous Material: Naphta  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 12 of 14



Classification code: F1  
Special Provisions: 640H  
Limited quantity: 5 L  
Excepted quantity: E1

**Other applicable information (inland waterways transport)**

Additional information on classification : 2.2.3.1.4 ADR / GGVSEB

**Marine transport (IMDG)**

**14.1. UN number:** UN 1133  
**14.2. UN proper shipping name:** Adhesives (Cyclohexane) Hazardous Material: Naphta  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Marine pollutant: No  
Special Provisions: 223, 955  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-D

**Other applicable information (marine transport)**

Category: A

Additional information on classification : 2.3.2.2 IMDG-Code

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 1133  
**14.2. UN proper shipping name:** Adhesives Hazardous Material: Naphta  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: A3  
Limited quantity Passenger: 10 L  
Passenger LQ: Y344  
Excepted quantity: E1  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: yes



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 13 of 14

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

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

Entry 57: cyclohexane

2010/75/EU (VOC): 100 % (820 g/l)

2004/42/EC (VOC): 100 % (820 g/l)

**Additional information**

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - water contaminating

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,3.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

**Relevant H and EUH statements (number and full text)**

H225	Highly 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.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**120.000 Renia - forte - fast contact adhesive tf**

Revision date: 05.07.2017

Product code: 120.000tf

Page 14 of 14

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.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Rosin, colophony. May produce an allergic reaction.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

### ADDENDUM TO SAFETY DATA SHEET

This SDS is prepared in the internationally recognised GHS format. This addendum provides information specifically for this product for New Zealand and should not be detached but rather read in conjunction with the SDS which follows and remains integral to the attached SDS.

Identification			
Product Name	Renia Forte Contact Adhesive		
SDS Reference	120.000	Date of Issue	1/04/2019
			Page 00 of 14
Supplement to Section 1: Identification to the material and the supplier			
Company	Footcom NZ Ltd		
New Zealand Address	84 Victoria St, Petone, Lower Hutt, Wellington 5012		
Telephone	04 569 3680		
Emergency – NZ	04 569 3680 (24 Hour) or 0800 POISON (764 766)		
Supplement to Section 2: Hazard Identification			
Hazardous nature	H225 Highly Flammable Liquid and Vapour		
GHS Classification	H315 Causes Skin Irritation H319 Causes Serious Eye Irritation H411 Toxic to Aquatic Life		
HSNO Status	Hazardous according to HSNO in New Zealand		
HSNO Classification	3.1B, 6.3A, 6.4, 9.1D		
Supplement to Section 15: Regulatory Information			
Group Standard	ERMA Group – HSR002662		
Other	-		
Authorised Signature and Date			
1.04.2019			