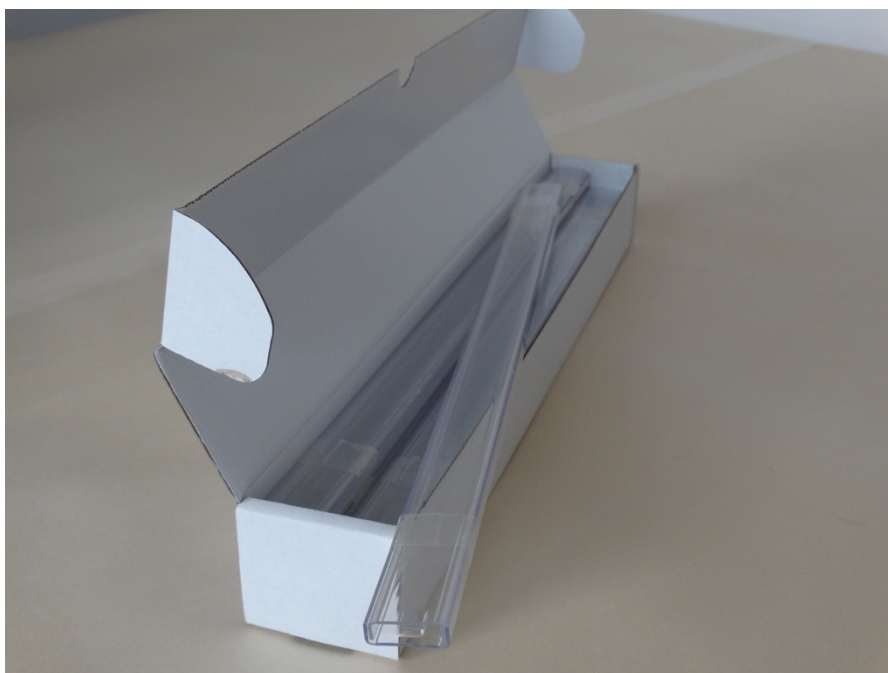




# Safety Datasheets

## easyStrip



999.00.001

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The information contained herein is based on the present state of knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a guarantee of the properties of the product

	Safety Datasheet		Date: 10/01/2020
	<b>easyStrip</b>		Revision: 1.00
	Product code: 999.00.001		Page: 1 / 8

## 1 Compositions

Silicone coated polyester tape with dimensions 20x349mm and thickness of 0.05mm. The tape is pre-treated with silicone fluid and the deposition is uniform for all the tape length due to the use of deposition custom machinery. The deposition thickness it's studied to avoid the collapse of particles in it but permit to the particles to be trapped and analysed. It's supplied in plastic blister and is prepared to be easily applied on the drum. The minimum quantity orderable is 10 pcs in a carton box.

STRIP	
Material	Polyester film
Dimension	20x340mm
Thickness	0.05mm

ADHESIVE	
Silicone	Polydimethylsiloxane (CAS. 9016-00-6)
Kinetic viscosity	100000 cSt. $\pm$ 10%
Coefficient of viscosity / temperature	0,61
Specific gravity	0,977
Refractive index	1,4035
Fusion point	-41°C
Inflammable	<450
Molecular weight	139000
Surface tension	21,5
Solubility in water	Insoluble
Solubility in solvents	Low
Toxicity	none



### Safety Datasheet

**easyStrip**

Product code: 999.00.001

Date:  
10/01/2020

Revision:  
1.00

Page.  
2 / 8

**SIGMA-ALDRICH**

sigma-aldrich.com

**SAFETY DATA SHEET**Version 5.2  
Revision Date 08/23/2017  
Print Date 09/29/2018**1. PRODUCT AND COMPANY IDENTIFICATION****1.1 Product identifiers**

Product name : Polydimethylsiloxane

Product Number : PHR1518  
Brand : Sigma-Aldrich

CAS-No. : 9016-00-6

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

Identified uses : Laboratory chemicals, Synthesis of substances

**1.3 Details of the supplier of the safety data sheet**Company : Sigma-Aldrich  
3050 Spruce Street  
SAINT LOUIS MO 63103  
USATelephone : +1 800-325-5832  
Fax : +1 800-325-5052**1.4 Emergency telephone number**

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

**2.2 GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

CAS-No. : 9016-00-6

No components need to be disclosed according to the applicable regulations.

**4. FIRST AID MEASURES****4.1 Description of first aid measures****If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**Safety Datasheet****easyStrip**

Product code: 999.00.001

Date:  
10/01/2020Revision:  
1.00Page:  
3 / 8

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

## 5. FIREFIGHTING MEASURES

**5.1 Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

No data available

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

No data available

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

**6.2 Environmental precautions**

No special environmental precautions required.

**6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

Store at room temperature.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**


**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**

General industrial hygiene practice.

	<b>Safety Datasheet</b>  <b>easyStrip</b>  Product code: 999.00.001		Date: 10/01/2020
			Revision: 1.00
			Page: 4 / 8

## Personal protective equipment

### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

No special environmental precautions required.


## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: clear, liquid Colour: colourless
b) Odour	odourless
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	321 °C (610 °F) - closed cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	7 hPa (5 mmHg) at 20 °C (68 °F)
l) Vapour density	No data available
m) Relative density	0.980 g/cm <sup>3</sup>
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

Sigma-Aldrich - PHR1518

Page 3 of 6

	<b>Safety Datasheet</b>  <b>easyStrip</b>  Product code: 999.00.001		Date: 10/01/2020
			Revision: 1.00
			Page: 5 / 8

## 9.2 Other safety information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Other decomposition products - No data available

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

In the event of fire: see section 5

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available

No data available

Inhalation: No data available

Inhalation: No data available

Dermal: No data available

Dermal: No data available

No data available

No data available

#### Skin corrosion/irritation

No data available

No data available

#### Serious eye damage/eye irritation

No data available

No data available

#### Respiratory or skin sensitisation

No data available

No data available

#### Germ cell mutagenicity

No data available

No data available

#### Carcinogenicity

Carcinogenicity - Rat - Implant

Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors. Endocrine:Tumors.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Sigma-Aldrich - PHR1518

Page 4 of 6

	<h2 style="text-align: center;">Safety Datasheet</h2>	Date: 10/01/2020
		Revision: 1.00
	<h3 style="text-align: center;">easyStrip</h3> <p style="text-align: center;">Product code: 999.00.001</p>	Page: 6 / 8

# Safety Datasheet

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## Reproductive toxicity

No data available

No data available

Reproductive toxicity - Rat - Subcutaneous

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

No data available

No data available

## Specific target organ toxicity - single exposure

No data available

## Specific target organ toxicity - repeated exposure

No data available

## Aspiration hazard

No data available

## Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### 12.6 Other adverse effects

No data available

No data available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG



## Safety Datasheet

### easyStrip

Product code: 999.00.001

Date:  
10/01/2020

Revision:  
1.00

Page:  
7 / 8

# Safety Datasheet

Not dangerous goods

## IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

No SARA Hazards

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Poly[oxy(dimethylsilylene)]	9016-00-6	

### New Jersey Right To Know Components

	CAS-No.	Revision Date
Poly[oxy(dimethylsilylene)]	9016-00-6	

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### HMIS Rating

Health hazard:	0
Chronic Health Hazard:	
Flammability:	1
Physical Hazard	0

### NFPA Rating

Health hazard:	0
Fire Hazard:	1
Reactivity Hazard:	0

### Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

### Preparation Information

Sigma-Aldrich Corporation  
Product Safety – Americas Region  
1-800-521-8956

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## Safety Datasheet

### easyStrip

Product code: 999.00.001

Date:  
10/01/2020

Revision:  
1.00

Page:  
8 / 8