

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, 2020/878

READY Standard laser rubber



Update: 20.04.2022

Version EN: 2.0

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

1.1. Product identifier READY Standard laser rubber

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

Identified uses: the A4 size, rubber sheets of special type used for stamps manufacturing by means of laser technique

Uses advised against: None

1.3. Details of the supplier of the safety data sheet

COLOP Polska Sp. z o.o.
ul. Smolenia 16
49-902 Bytom
tel. 48 32 282 60 54 , fax. 48 32 282 58 53
www.readyforlaser.com
office@readyforlaser.com

E-mail address of the person responsible for data sheet: office@readyforlaser.com

1.4. Emergency telephone

112 (general emergency telephone number), 998 (fire-brigade), 999 (ambulance);

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acc. to 1272/2008

Mixture is not classified as dangerous.

2.2. Label elements

Pictograms:

None.

Signal Word:

None.

Hazard Statement:

None.

Precautionary Statement:

None.

2.3. Other hazards

Annex XIII - Criteria for the identification of Persistent, Bioaccumulative and Toxic substances (BBT), and very Persistent and very Bioaccumulative substances (vPvB) - not applicable

Substances with endocrine disrupting properties (in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605) – not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Product containing vulcanized natural rubber (NR) and butadiene-acrylonitrile rubber (NBR) with filling material and enriching additives.

Hazardous ingredients:

The material does not contain any of the substances listed in the specification of the hazardous ones

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

In the case of prolonged inhalation of vapours provide fresh air (only in the case of contact with strongly heated product).

Skin contact:

In case of contact, wash carefully skin with plenty of warm water with soap.

Eye contact:

Remove contact lenses, if they are and can be easily removed. Wash eye with lots of running water (only in the case of contact with fine particles of product).

Ingestion:

Possibility of consumption by mistake may be excluded.

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

No data available.

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

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water, foam, dry powder extinguishers, CO₂. Use appropriate extinguishing method for conditions.

Unsuitable extinguishing media: none.

5.2. Special hazards arising from the substance or mixture

During a fire, small amounts of flammable gasses may occur (H₂, CO, light hydrocarbons).

5.3. Advice for firefighters

Do not allow fire-fighting water run-off into surface water, groundwater and sewer.

In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No special requirements.

For emergency responders: No special requirements.

6.2. Environmental precautions

Do not allow this product to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

Return to basic product if possible.

The contaminated material is placed in properly labeled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections

Refer to protective measures listed in section 8.

Refer to disposal considerations listed in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

The use according to its destination does not produce any hazard.

The emission of small amounts of light hydrocarbons, carbon oxide and sulphur compounds are possible

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under standard conditions of operation, under raised temperature (when stamps are cut out by means of laser technique). Provide suitable ventilation. Use personal protection measures.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packages.

7.3. Specific end use(s)

See section 1.2. - no additional recommendations

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

None.

8.2. Exposure controls

Engineering controls:

General ventilation is recommended.

Observe occupational health and safety.

Wash hands during breaks and after working with the product.

Do not eat, drink or smoke while handling the product.

Take off contaminated clothing and wash it before reuse.

Individual protection measures, such as personal protective equipment:

Personal protective equipment should be selected according to the hazards present at the workplace, taking into account Regulation (EU) 2016/425 of the European Parliament and of the Council and in accordance with the relevant CEN standards.

Eye protection:

Protective glasses in the case of dust exposure.

Skin protection:

Hands:

Protective gloves.

The selection of suitable gloves does not only depend on the material, but also on the brand and quality resulting from differences in manufacturers. Resistance of the material, the glove can be determined after the tests. The exact time of the destruction of the protective gloves must be determined by the manufacturer.

Other:

Wear protective clothing.

Respiratory Protection:

Dust-masks protecting mouth and nose should be in the case of dust exposure.

Thermal hazards:

Not applicable.

Environmental exposure controls:

Prevent the spread in the environment and enter drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Physical state	Solid, flat plates of A4 size
b)	Colour	Gray
c)	Odour	Slight characteristic smelt of gum intensified under raised temperature
d)	Melting point/freezing point (Does not apply to gases)	No data available.

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e)	Boiling point or initial boiling point and boiling range	Not applicable
f)	Flammability (Applies to gases, liquids and solids)	Ignition point: app. 175°C (Marcusson's method acc. to PN-82/C04008)
g)	Lower and upper explosion limit (Do not apply to solids)	Not applicable
h)	Flash point (Does not apply to gases, aerosols and solids)	Not applicable
i)	Auto-ignition temperature (Only applies to gases and liquids)	Not applicable
j)	Decomposition temperature (Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose)	Not applicable
k)	pH (Does not apply to gases)	Not applicable
l)	Kinematic viscosity (Only applies to liquids)	Not applicable
m)	Solubility	Practically insoluble in water and organic solvents
n)	Partition coefficient n-octanol/water (log value)	Not applicable - mixture
o)	Vapour pressure	Not applicable
p)	Density and/or relative density (Only apply to liquids and solids)	1500kg/m ³
q)	Relative vapour density (Only applies to gases and liquids)	Not applicable
r)	Particle characteristics (Only apply to solids)	Not applicable

9.2. Other information

No other information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

Stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

No hazardous reactions under normal conditions of use and storage.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Oxidizing acids, mineral oils.

10.6. Hazardous decomposition products

No decomposition under recommended conditions of use and storage.

Thermal decomposition products – see section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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a)	Acute toxicity	Based on the available data, the classification criteria are not met
b)	Skin corrosion/irritation	Based on the available data, the classification criteria are not met
c)	Serious eye damage/irritation	Based on the available data, the classification criteria are not met
d)	Respiratory or skin sensitization	Based on the available data, the classification criteria are not met
e)	Germ cell mutagenicity	Based on the available data, the classification criteria are not met
f)	Carcinogenicity	Based on the available data, the classification criteria are not met
g)	Reproductive toxicity	Based on the available data, the classification criteria are not met
h)	STOT-single exposure	Based on the available data, the classification criteria are not met
i)	STOT-repeated exposure	Based on the available data, the classification criteria are not met
j)	Aspiration hazard	Based on the available data, the classification criteria are not met

11.2. Information on other hazards

Endocrine disrupting properties

None.

SECTION 12: Ecological information

12.1. Toxicity

The mixture is not classified as hazardous to the environment.

12.2. Persistence and degradability

For mixture: no information available

12.3. Bioaccumulative potential

For mixture: no information available

12.4. Mobility in soil

For mixture: no information available

12.5. Results of PBT and vPvB assessment

Mixture has no substances that meet the criteria for classification as PBT or vPvB in accordance with Annex XIII of REACH.

12.6. Endocrine disrupting properties

Mixture has no substances with endocrine disrupting properties.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product: Dispose of in accordance with local regulations. Store in original containers. Waste code should be given at the place of manufacture.

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Recommendations for used packaging: Recycle / recycle / dispose of packaging waste in accordance with applicable regulations. Only fully emptied packaging can be recycled.

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives as amended

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

SECTION 14: Transport information

ADR/RID/IMDG/ICAO:

The product is not classified as dangerous during transport.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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.
2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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.
4. Regulation (EU) 2016/425 of The European Parliament and of The Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC
5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
6. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC

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8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
9. Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
10. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives as amended
11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

15.2. Chemical safety assessment

No chemical safety assessments for the mixture.

- List of substances subject to authorization (REACH; Annex XIV): not applicable
- Candidate list of SVHCs: not applicable
- Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (REACH; Annex XVII): not applicable

SECTION 16: Other information

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

PBT – Persistent, Bioaccumulative and Toxic

vPvB – very Persistent and very Bioaccumulative

ADR – International Carriage of Dangerous Goods by Road

RID – International Carriage of Dangerous Goods by Rail

IMDG – International Maritime Dangerous Goods

ICAO – Safe Transport of Dangerous Goods by Air

Classification procedure:

Mixture is not classified as dangerous.

Changes to the previous version

Section	Changes
Section 2, 3, 9, 11, 12, 14	Change in accordance with Reg. 2020/878
Section 15	Change of regulations

Training:

Before working with the product is recommended safety training of employees in connection with the occurrence of workplace chemicals. Documentation should be prepared and employees should be familiarized with the results of risk assessment in the workplace associated with the presence of chemical agents.

RESOURCES

Annex to Regulation (EU) 2020/878.

Current legislation (Section 15).

Information Agency for Chemical Substances.

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by producer and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.