



Premium Elastic Sealant Cords

PP33; PP36

SDS Preparation Date (dd/mm/yyyy): 25/05/2021

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SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier : Premium Elastic Sealant Cords

Product Code(s) : PP33 (P/N 475298); PP36 (P/N 475300)

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

: Air conditioning and refrigeration sealer slugs for sealing around components.
Use pattern: Professional use only
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet:

Parker Hannifin Corporation - Sporlan Division

206 Lange Drive
Washington, MO, U.S.A.
63090

Telephone : (636) 239 1111

1.4 Emergency Telephone Number

: 24 Hr. Emergency Tel. # Chemtrec 1-800-424-9300 (Within Continental U.S.);
Chemtrec 703-527-3887 (Outside U.S.).

1.5 National Contact

: 011 (636) 239-1111

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This article is an off-white, gray, non-hardening sealing compound. It is supplied as a bead or tape on a release paper/film.

The product is an article and is not subject to the classification criteria of Regulation (EC) 1272/2008.

2.2 Label elements

Hazard pictogram(s)

Signal word :

Not required
Hazard statements:

Not required
Precautionary statements:

Not required

2.3 Other hazards



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Other hazards which do not result in classification:
Burning produces obnoxious and toxic fumes.

PBT assessment:

This mixture contains no substance(s) above reportable levels which are considered to be persistent, bioaccumulating nor toxic (PBT), or very persistent and very bioaccumulating (vPvB).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Solid article.

Substance name	CAS No	EC No.	Reach Registration No.	% Weight	Classification according to Regulation (EC) nr. 1272/2008	SCL, M-factor, ATE
Calcium carbonate	1317-65-3	215-279-6	Not applicable.	60.0 - 80.0	not hazardous Substances for which there are Community workplace exposure limits.	Not applicable
talc	14807-96-6	238-877-9	Not applicable.	Not known.	STOT RE 2; H373	Not applicable

For the full text of the H phrases not mentioned in this Section or in Section 2, see Section 16.

SECTION 4. FIRST-AID MEASURES

4.1 Description of first aid measures

- Ingestion* : Rinse mouth. Do NOT induce vomiting. Never give anything by mouth if victim is unconscious. If symptoms develop, seek medical attention.
- Inhalation* : Move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Obtain medical advice.
- Skin contact* : Remove contaminated clothing. Wash affected areas with soap and water. Wash contaminated clothing before re-use. If irritation or symptoms develop, seek medical attention.
- Eye contact* : Rinse with plenty of water. Lift upper and lower lids during flushing to ensure complete removal of chemical. If irritation persists, seek prompt medical attention.

4.1.2 Self-protection for the first aider

:

4.2 Most important symptoms and effects, both acute and delayed

- : May cause mild respiratory irritation at higher temperatures. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.



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Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

- : Not flammable. Burning produces obnoxious and toxic fumes.

5.3 Advice for firefighters

Protective equipment for fire-fighters

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

6.3 Methods and material for containment and cleaning up

- : Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Clean up promptly by sweeping or vacuum. Place spilled material into a suitable, labelled container for later disposal (see Section 13). Notify the appropriate authorities as required.

6.4 Reference to other sections

- : Refer to Section 5 for firefighting instructions. Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of material.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- : Provide adequate ventilation. Use personal protective equipment as required. Avoid breathing fumes. Avoid contact with skin and eyes. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- : Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Protect against moisture, water, and physical damage.

7.3 Specific end use(s)

- : Air conditioning and refrigeration sealer slugs for sealing around components.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Exposure Limits:

<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Type</u>	<u>Notes</u>
Calcium carbonate	None.	European Union (OEL)	None.
	10 mg/m ³ (TWA)	Hungary (OEL)	None.
	10 mg/m ³ (inhalable); 4 mg/m ³ (respirable dust) (TWA)	The United Kingdom (WELs)	None.



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talc	N/Av	European Union (OEL)	N/Av
	2 mg/m ³ (respirable dust) (TWA)	Italy (OEL)	Recommended exposure limit based on ACGIH TLVs
	4 mg/m ³ (total inhalable dust); 1 mg/m ³ (respirable dust) (TWA)	Poland (OEL)	None.
	2 mg/m ³ (respirable dust) (TWA)	Spain (OEL)	None.
	1 mg/m ³ (respirable dust) (TWA)	The United Kingdom (WELs)	None.

Biological Exposure Indices:

No biological exposure limits noted for the ingredient(s).

8.2 Exposure controls

Ventilation and engineering measures

: Provide adequate ventilation. If product is processed in a manner that generates dusts or fumes, provide mechanical ventilation to control airborne exposure levels.

Respiratory protection : Not required under normal conditions of handling. If product is processed in a manner that generates dusts or fumes, conduct air monitoring to assess the need for respiratory protection. If respiratory protection is warranted, wear NIOSH-approved respirators. Advice should be sought from respiratory protection specialists.

Skin protection : Not required under normal conditions of handling. For prolonged or repeated contact use protective gloves. Advice should be sought from glove suppliers.

Eye / face protection : Not required under normal conditions of handling. If product is processed in a manner that generates dusts or fumes, wear as appropriate: Safety glasses with side shields; Goggles.

Other protective equipment

: An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations

: Avoid breathing fumes. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

8.3 Environmental exposure controls

: Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state : This article is an off-white, gray, non-hardening sealing compound. It is supplied as a bead or tape on a release paper/film.

Colour : off-white

Odour : No odour.

Odour threshold : No information available.

pH : No information available.

Flash point : None.

Flashpoint (Method) : Not applicable.

Lower flammable limit (% by vol.) : Not applicable.



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Upper flammable limit (% by vol.)

: Not applicable.

Auto-ignition temperature

: No information available.

Decomposition temperature

: Not available.

Oxidizing properties

: None.

Explosive properties

: Not explosive

Initial boiling point and boiling range

: Not applicable.

Melting/Freezing point

: Not applicable.

Relative density

: 1.6

Solubility in water

: insoluble

Other solubility(ies)

: Not available.

Vapour pressure

: Not applicable.

Vapour density

: Not applicable.

Partition coefficient: n-octanol/water

: Not applicable.

Viscosity

: Not applicable.

Evaporation rate (BuAe = 1)

: Not applicable.

Particle characteristics

: Not applicable.

9.2 Other Information

Volatiles (% by weight) : Not available.

Volatile organic Compounds (VOC's)

: None.

Other physical/chemical comments

: No additional information.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity : Not normally reactive.

10.2 Chemical stability : Stable under the recommended storage and handling conditions prescribed.

10.3 Possibility of hazardous reactions

: No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid : Avoid heat and open flame. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation.

10.5 Incompatible materials

: Acids; Strong oxidizing agents; Bases; Reducing agents .

10.6 Hazardous decomposition products

: In the event of fire: Carbon dioxide and carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects:

Acute toxicity : According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.

Skin corrosion/Irritation : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.



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Serious eye damage/irritation

- : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

- : Not expected to be a skin or respiratory sensitizer.

Germ cell mutagenicity : Not expected to be mutagenic in humans.

Carcinogenicity : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive toxicity : Not expected to have other reproductive effects.

STOT-single exposure : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.

STOT-repeated exposure : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated exposures.

Aspiration hazard : According to the classification criteria of the European Union, this product is not considered as being an aspiration hazard to humans.

Routes of exposure : Skin contact Eye contact Ingestion

Effects of acute exposure : Skin contact : Causes little or no irritation.

Eye contact : Direct eye contact may cause temporary redness.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Not an expected route of entry under normal conditions of use.

Potential Chronic Health Effects

- : None known or reported by the manufacturer.

Information on other Hazards

- : None known.

11.1.1 Acute Toxicity

Toxicological data : See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	LC₅₀(4hr)	LD₅₀	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Calcium carbonate	>3 mg/L	6450 mg/kg	>2000 mg/kg
talc	N/Av	N/Av	N/Av

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity : As supplied, this product does not present a physical, health or environmental hazard.

No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.



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Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Calcium carbonate	1317-65-3	> 100 mg/L (Rainbow trout)	N/Av	None.
talc	14807-96-6	> 110 000 mg/L (QSAR)	1413 mg/L (30 days) (QSAR)	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Calcium carbonate	1317-65-3	> 100 mg/L (Daphnia magna)	N/Av	None.
talc	14807-96-6	36 812 mg/L (QSAR)	1460 mg/L (30 days) (QSAR)	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Calcium carbonate	1317-65-3	> 14 mg/L/72hr (Green algae)	14 mg/L/72hr	None.
talc	14807-96-6	7203 mg/L/96hr (Green algae) (QSAR)	N/Av	None.

12.2 Persistence and degradability

: No data is available on the product itself.

12.3 Bioaccumulation potential

: No data is available on the product itself.

Components

Partition coefficient n-octanol/water (log Kow)

Bioconcentration factor (BCF)

talc (CAS 14807-96-6)

no known bioaccumulation

12.4 Mobility in soil

: No data is available on the product itself.

12.5 Results of PBT and vPvB assessment

: This preparation contains no substances, at reportable levels, considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Endocrine disrupting properties

:

12.7 Other Adverse Environmental effects

: No data is available on the product itself.

12.8 Additional information

: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Handling for Disposal : See Section 7 (Handling and Storage) for further details.

Methods of Disposal : Dispose in accordance with all applicable regulations.



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SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	14.1 UN Number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing Group	Label
ICAO/IATA	None.	Not regulated.	Not regulated	none	
ICAO/IATA Additional information	None.				
ADR/RID	None.	not regulated	not regulated	none	
EU ADR/RID Classification Code					
EU ADR / RID Hazard Identification Number					
ADR/RID Additional information	Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

14.5 Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

14.6 Special precautions for user

: Appropriate advice on safety must accompany the package.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.

SECTION 15. REGULATORY INFORMATION

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



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- : Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous substances and mixtures.

Authorisations Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: Not applicable.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended: Not applicable.

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances: Not applicable.

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work: Not applicable.

Directive 94/33/EC on the protection of young people at work: Not applicable.

RoHS European Union's Directive 2002/95/EC, the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) : Not applicable.

German legislation on water endangering substances VwVwS Water hazard class (Germany) 1 self classified

15.2 Chemical safety assessment

- : A chemical safety assessment has not been carried out by the Manufacturer of this product.

SECTION 16. OTHER INFORMATION

Legend

- : ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE: Acute Toxicity Estimate
CAS: Chemical Abstract Services
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EC: European Community
EC50: Effective Concentration 50%
EEC: European Economic Community
EN: European Standard
EU: European Union
HSDB: Hazardous Substances Data Bank
IATA: International Air Transport Association
IBC: Intermediate Bulk Container
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
LC: Lethal Concentration
LD: Lethal Dose
NOEC: No observable effect concentration
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
PEL: Permissible exposure limit
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
RTECS: Registry of Toxic Effects of Chemical Substances
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
WEL: Workplace Exposure Limit



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Information Source : 1. Material Safety Data Sheet from manufacturer.
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases
(Chempendium, RTECs, HSDB, INCHEM).
3. European Chemicals Agency, Classification Legislation
4. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,

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Regulation and Procedure :

Not applicable.

H-phrases (full-text)

H373 - May cause damage to organs (a,b,c) through prolonged or repeated exposure.

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Prepared for:

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