

**SEAL N FLEX P795 FC PREMIUM**  
Revision Number 1Revision date 27-Apr-2020  
Supersedes Date: 27-Apr-2020**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product Identifier****Product Name** SEAL N FLEX P795 FC PREMIUM  
**Alternate Name** 57001066-1501  
**Pure substance/mixture** Mixture**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended use** Sealant.  
**Uses advised against** No information available.**1.3. Details of the supplier of the safety data sheet**

<b>Company Name</b> Bostik (Shanghai) Management Co., Ltd Building 1, No.968 Guanghua Road, Minhang District Shanghai, China Tel: 021-60763101 Fax: 021-60763133	<b>Manufacturer</b> Bostik SA 420 rue d'Estienne d'Orves 92700 Colombes FRANCE Tel: +33 (0)1 49 00 90 00
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See section 16 for more information.

**1.4. Emergency telephone number****Emergency Telephone** 0532-8388 9090 (China only)  
**E-mail address** SDS.AP@Bostik.com**Section 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Skin corrosion/irritation	Category 3 (6.3B)
Skin sensitization	Category 1A
Hazardous to the Aquatic Environment - Acute Hazard	Category 3 (9.1D)

**2.2. Label Elements****Signal word** Warning**Hazard statements**H316 - Causes mild skin irritation  
H402 - Harmful to aquatic life  
H317 - May cause an allergic skin reaction**Prevention**P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves

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P273 - Avoid release to the environment

## Response

P321 - Specific treatment (see supplemental first aid instructions on this label)

## Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P363 - Wash contaminated clothing before reuse

## Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Hazards

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2. Mixtures

Chemical name	CAS No	Weight-%
Methylene-bis-4,1-(N-phenylene-N' butylurea)	77703-56-1	1 - 5
N,N-dibenzyliden polyoxypropylene diamine (polymer)	136855-71-5	1 - 5
Carbon black	1333-86-4	1 - 5
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methylphenyl 4-methylphenyl phenyl phosphate and triphenyl phosphate	ECKNOWN	0.1 - 1
Aromatic Polyisocyanate	53317-61-6	0.1 - 1

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required

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

**Symptoms** None known.

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

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 11: TOXICOLOGY INFORMATION

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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

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

**Specific hazards arising from the chemical** Keep product and empty container away from heat and sources of ignition.

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

### 6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

**Reference to other sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas.

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

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** No information available

### 7.3. Specific end use(s)

**Specific Use(s)** Sealant.

**Other information** No information available.

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## 7.4. References to Other Sections

Reference to other sections Section 13: DISPOSAL CONSIDERATIONS  
Section 10: STABILITY AND REACTIVITY

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Limits

Chemical name	China	Japan	Korea	New Zealand	Australia
Carbon black 1333-86-4	TWA: 4 mg/m <sup>3</sup> total dust STEL: 8 mg/m <sup>3</sup> total dust G2B(C**)	TWA: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	3 mg/m <sup>3</sup> TWA

Chemical name	European Union	ACGIH TLV	NIOSH IDLH	OSHA PEL
Carbon black 1333-86-4	-	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH	TWA: 3.5 mg/m <sup>3</sup>

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

OTHER INFORMATION No information available

### 8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

#### PPE - Personal Protection Equipment

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
- Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
- Respiratory protection** No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
- General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental exposure controls No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state Solid  
Appearance Paste  
Color Black  
Odor Characteristic  
Odor threshold No information available

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Property	Values	Remarks • Method
pH	Not applicable .	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	> 100 °C	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	600000 mPa s	@ 20 °C
Explosive properties	No information available	
Oxidizing properties	No information available	
<b>9.2. Other information</b>		
Softening Point	No information available	
Molecular weight	No information available	
Solvent content (%)	No information available	
Solid content (%)	No information available	
Density		1.31
Bulk density	No information available	
VOC Content (%)	1.6 g/L / 0.12 %	

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity None under normal use conditions.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

### 10.5. Incompatible materials

Incompatible materials No information available.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

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## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Carbon black 1333-86-4	LD50 > 8000 mg/kg (Rattus) OECD 401	> 3 g/kg (Oryctolagus cuniculus)	-
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methylphenyl 4-methylphenyl phenyl phosphate and triphenyl phosphate ECKNOWN	>5000 mg/Kg (Rattus)	>2000 mg/Kg (Rattus) (OECD 402)	-
Aromatic Polyisocyanate 53317-61-6	LD50 >2000 mg/Kg (Rattus)	-	LC50 >3.820 mg/L (Rattus) 4h dust/mist

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target organ effects** Eyes, Lymphatic System, retina, Skin.

**Aspiration hazard** No information available.

**Carcinogenicity** No information available.

Chemical name	IARC	China	Japan
Carbon black	Group 2B	Possibly carcinogenic to humans	Group 2B

IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

**Product Information**  
Harmful to aquatic life.

#### Component Information

Data obtained on the component(s) include

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Chemical name	Algae/aquatic plants	Fish	Crustacea
Methylene-bis-4,1-(N-phenylene-N' butylurea) 77703-56-1	EC50 (72h) >100 mg/L Algae (Raphidocelis subcapitata)	LC50 (96h)>250 mg/L (Brachydanio rerio)	EC50 (48h) >100 mg/L Daphnia magna
Carbon black 1333-86-4	>10000 mg/l (Desmodesmus subspicatus) OECD 202	>1000 mg/l (Brachydanio rerio) OCDE 203	EC50: >5600mg/L (24h, Daphnia magna)

## 12.2. Persistence and degradability

No information available.

Component Information			
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methylphenyl 4-methylphenyl phenyl phosphate and triphenyl phosphate (ECKNOWN)			
Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days	75%	Readily biodegradable

Aromatic Polyisocyanate (53317-61-6)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)		biodegradation	34 % Not readily biodegradable

## 12.3. Bioaccumulative potential

There is no data for this product.

### Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Carbon black 1333-86-4	-	99
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methylphenyl 4-methylphenyl phenyl phosphate and triphenyl phosphate ECKNOWN	4.5	-

## 12.4. Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Methylene-bis-4,1-(N-phenylene-N' butylurea) 77703-56-1	Further information relevant for the PBT assessment is necessary
Carbon black 1333-86-4	The substance is not PBT / vPvB PBT assessment does not apply

## 12.6. Other adverse effects

No information available.

**Endocrine Disruptor  
Information**

## Section 13: DISPOSAL CONSIDERATIONS

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## 13.1. Waste treatment methods

<b>Waste from residues/unused products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## Section 14: TRANSPORT INFORMATION

<b>IMDG</b>	<u>Not regulated</u>
<b>IATA</b>	<u>Not regulated</u>
<b>ADR</b>	<u>Not regulated</u>

## Section 15: REGULATORY INFORMATION

X - Present

### National Regulations

#### China

Not applicable

#### Japan

Not applicable

#### Korea

##### Chemicals Control Act (CCA)

This product does not contain phase-in substances subject to registration, toxic substances, substances subject to authorization, restricted substances, prohibited substances, substances requiring preparation for accidents regulated under the Chemicals Control Law

##### Industrial Safety and Health Law

##### Safety Control of Dangerous Substances Act

##### Korea - MOE - Waste Control Act - Hazardous Substances in Controlled Waste

Not applicable

### International Regulations

#### Europe

##### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit



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mentioned in this regulation

## SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

### Local Contacts

Bostik Korea, Ltd.  
6F, 21  
Gukhoe-daero 62-gil Yeongdeungpo-gu  
Seoul, 07236  
Korea  
Tel: +82-02-3703-6870  
Fax: +82-02-3703-6850

Bostik-Nitta Co., Ltd  
2-22,Futamata  
Yao-City, Osaka, 581-0024  
Japan  
Tel: +81-72-948-8272  
Fax: +81-72-948-5988

Bostik India Private Ltd  
124/1 & 124/2A  
Kachanayakanahalli  
Behind Bommasandra Indl.Area  
Off Hosur Road, Hennagara Post,  
Anekal Taluk  
Bangalore - 562106, Karnataka,  
INDIA  
Tel: 0091-80-27833520  
Fax: 00 91-80-27831324  
Email: Bostikinfo.India@bostik.com

Bostik Findley (Malaysia) Sdn. Bhd  
Lot 112 & 113,  
Kawasan Perindustrian senawang,  
seremban, negeri sembilan, Malaysia  
Tel: 606-6789788  
Fax: 606-6789766

Bostik Asia Pacific  
1 Science Park Road, #04-01/05  
West Wing, The Capricorn,  
Singapore Science Park II, Singapore  
117528  
Tel: +65-6419-9161  
Fax: +65-6419-9150

Bostik (Thailand) Co., Ltd  
1/32 Bang-na Thani  
Tower 16th A Foolr.  
Soi Bangna-Trad 34,  
Bangna-Trad rd.  
Bang-na, Bangkok  
Tel: 02-361 6460-7  
Fax: 02-361 6469  
Bostik Vietnam Company Limited  
10 Doc Lap Avenue,  
VSIP 1. Thuan An District,  
BinhDuong Province. Viet Nam.  
Tel: 84 650 3765105  
Fax: 84 650 3765109

Bostik Phillippines, Inc.  
35/F Raffles Corporate Center,  
F. Ortigas Jr. Road  
Ortigas Business Center,  
Pasig city, Phillippines  
Tel: 632-900-5656  
Fax: 632-900-5622  
Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

Bostik Indonesia  
Setiabudi Atrium Building,  
Level 2, Suite 203 A  
Jl. HR Rasuna Said  
Jakarta Indonesia 12920  
Tel: 62 21 521 0404  
Fax: 62 21 521 0554  
Jiangsu Bositk Adhesive Co.,Ltd  
No.15-9, Xinggang Road, Changshu  
Enconomic Development Zone  
Jiangsu Province 215536  
Tel: 0086-512-52266000  
Fax: 0086-512-52266020

Bostik Findley (China) Co.,Ltd  
No.75, Xin Zhuang 2 Road, Yong He  
District, GETDD  
Guangzhou, 511356, China  
TEL: 020 -32226211  
FAX: 020 -32226261

**ABN:** 79 003 893 838

Bostik New Zealand Limited  
19 Eastern Hutt Road Wingate,  
Lower Hutt, New Zealand  
Tel: 04-567 5119  
Fax: 04-567 5412

Chronic Hazard Star Legend

\* = Chronic Health Hazard

### Key or legend to abbreviations and acronyms used in the safety data sheet

TWA (time-weighted average)  
STEL (Short Term Exposure Limit)  
LD50 (lethal dose)  
EC50 (effective concentration)

### Key literature references and sources for data

No information available

Prepared By

Product Safety & Regulatory Affairs

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**Training Advice** No information available

## Disclaimer

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**End of Safety Data Sheet**