

**Product Safety Information Sheet**

Printing date 30.07.2018

Version number 3

Revision: 30.07.2018

**1 Identification of the substance/mixture and of the company/undertaking**

· **Product identifier** Covalence Heat Shrinkable Products

· **Trade name:** Covalence Heat Shrinkable Products

· **Article number:**

APPM, BLOT, BLUE-60, CASEAL, CCS-DHEC, CCS-FLAP, CMS, CPSM, CSEM, CSEM-F, DHEC, DIRAX, DUALSEAL, EASYSEAL, FCTS, FCWS, FCWS-F, FLANGESEAL, FLEXCLAD, FOPS, HEPS, HTLP60, HTLP80, HTLP-HT, HTLP-PP, HTLP-W, HTTE, IPEC, IPPS, KR6, MEPS, MPSM, MWTM, PERP, PERP60E, PERP80, PERP-MELTSTICK, PP-MELTSTICK, PPRP, PPS120, RAYCLAD, RAYJOINT, RFS, RJS-E, ROCS, S1052, S1080, S1113, S1135, S1137, S1138, S1182, S1238, SHEET, TISK, TISKW-F, TISW-F, TPS, TPSM, WATERWRAP, WPC60, WPC65M, WPC100M, WPC120, WPC-C30, WPC-C50, WPCP-IV, WPCT, WPSM, XCSM

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

· **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Article category** AC13 Plastic articles

· **Application of the substance / the mixture**

Sealing

Coating

· **Uses advised against** -

· **Details of the supplier**

· **Manufacturer/Supplier:** Seal For Life Industries - Covalence <sup>TM</sup>

· **Contact details:**

Seal For Life Industries BVBA, Nijverheidsstraat 13, B-2260 Westerlo, Belgium  
Tel. +32 14 72 25 00, Fax. +32 14 72 25 70, Email: [belgium@sealforlife.com](mailto:belgium@sealforlife.com)

· **Further information obtainable from:** Occupational product safety department of Seal For Life Industries

**2 Hazards identification**

· **Classification of the substance or mixture**

The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not available.

· **vPvB:** Not available.

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**3 Composition/information on ingredients**

· **Chemical characterisation: Mixtures**

· **Description:** Mixture of nonhazardous substances.

· **Dangerous components:** Void

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4 First aid measures**

· **Description of first aid measures**

· **General information:**

Take affected persons out of danger area and lay down.  
No special measures required.

· **After inhalation:** Take affected persons into fresh air and keep quiet.

· **After skin contact:**

If skin irritation continues, consult a doctor.  
After contact with the molten product, cool rapidly with cold water.  
Seek immediate medical advice.  
Do not pull solidified product off the skin.  
Cover wound with a sterile dressing.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**

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

Breathing difficulty  
Coughing  
Headache  
Dizziness  
Nausea

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

No further relevant information available.

**5 Firefighting measures**

· **Extinguishing media**

· **Suitable extinguishing agents:**

Water haze  
Foam  
ABC powder  
Carbon dioxide  
Use fire extinguishing methods suitable to surrounding conditions.

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

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)  
Nitrogen oxides (NO<sub>x</sub>)

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

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Wear fully protective suit.

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**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Do not allow to penetrate the ground/soil.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

**7 Handling and storage**

- **Handling:**
  - **Precautions for safe handling** No special measures required.
  - **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:** No special requirements.
    - **Information about storage in one common storage facility:** Store away from oxidising agents.
    - **Further information about storage conditions:** Store in dry conditions.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
  - **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

    - **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
  - **Personal protective equipment:**
    - **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.  
Be sure to clean skin thoroughly after work and before breaks.
    - **Respiratory protection:**

Not necessary if room is well-ventilated.  
Filter A
    - **Protection of hands:** Heat resistant gloves
    - **Eye protection:** Not required.

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 · **Body protection:** Protective work clothing

**9 Physical and chemical properties**

· <b>Information on basic physical and chemical properties</b>	
· <b>General Information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Solid in various forms
· <b>Colour:</b>	Various colours
· <b>Odour:</b>	Light
· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not applicable.
· <b>Change in condition</b>	
· <b>Melting point/freezing point:</b>	65-160 °C
· <b>Initial boiling point and boiling range:</b>	Undetermined.
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gas):</b>	Not determined.
· <b>Ignition temperature:</b>	Not determined.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not applicable.
· <b>Density at 20 °C:</b>	0.9-1.8 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b>	
· <b>water:</b>	Insoluble.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not applicable.
· <b>Kinematic:</b>	Not applicable.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	0.00 %
· <b>Solids content:</b>	100.0 %
· <b>Other information</b>	No further relevant information available.

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### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
  - **Chemical stability**
    - **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **Possibility of hazardous reactions** Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
  - Reacts with strong acids.
  - Reacts with oxidising agents.
- **Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**
    - **LD/LC50 values relevant for classification:** No further relevant information available
    - **Primary irritant effect:**
      - **Skin corrosion/irritation** No irritant effect.
      - **Serious eye damage/irritation** No irritating effect.
    - **Respiratory or skin sensitisation** No sensitising effects known.
  - **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
  - **PBT:** Not available.
  - **vPvB:** Not available.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation** Smaller quantities can be disposed of with household waste.

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· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

· <b>UN-Number</b> · ADR, ADN, IMDG, IATA	Void
· <b>UN proper shipping name</b> · ADR, ADN, IMDG, IATA	Void
· <b>Transport hazard class(es)</b> · ADR, ADN, IMDG, IATA · Class	Void
· <b>Packing group</b> · ADR, IMDG, IATA	Void
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

**15 Regulatory information**

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

- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**  
None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· **Department issuing document:** Occupational product safety department of Seal For Life Industries

· **Contact:**

Seal For Life Industries

Gasselterstraat 20, 9503JB Stadskanaal, the Netherlands

Tel: +31 599 696 170; Fax: +31 599 696 177; Email: [info@sealforlife.com](mailto:info@sealforlife.com)

· **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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative