



# TERMOSET®

butyls

Technical Data Sheet

**TERMOSET®** is a white color butyl filler slightly hard, sticky, with great tackiness, without solvents, asbestos-free. The **TERMOSET®** filler is molded and applied manually creating a variety of forms easily providing an excellent sealing against water, humidity, gases and dust.

## Product Data

PROPERTIES	VALUE	TEST METHOD
Chemical basis	Butyl	
Aspect	Filler	
Density	1.60 – 1.80 g/ml	ASTM D-792-20
Penetration	110 - 130 mm	ASTM D 5-20 y 0217-19
Application temperature	37.4 °F to 104 °F	
Working temperature	23 °F to 230 °F	
UV Resistance	Good	ASTM – G-154-16
Ozone resistance	Good	
Humidity resistance	Good	

Information obtained from laboratory tests.

## Uses

**TERMOSET®** has been designed for:

- Refrigeration industry (for assembly seals).
- Electrical industry (to seal joints in equipments, ducts, and weather heads, etc.)
- Seal metallic assemblies in silos, gutters, fans, etc.
- As seal of holes and spaces in assemblies.
- Prevent leaks in the injection of polyurethane foam.

## Advantages

- Waterproof to the pass of water, air and water vapor.
- Help to prevent galvanic corrosion limiting the contact between two metals.
- It adheres on any type of material solid and dry.
- Uniform consistency, without hard particles or lumps.
- Does not dry up.
- Not toxic.
- Not flammable.
- Ductile, manageable and moldable.
- Excellent performance at low temperatures.
- Slightly hardens.

## Application

The surfaces to be sealed shall be firm, dry, clean free of dust, grease, oil, water and old sealant. It is recommended cleaning with a cleaning cloth, (lint free) impregnated with isopropyl alcohol, after cleaning, pass again with a clean and dry cleaning clothe, it is not recommended that the alcohol dries by itself). All loose particles in the surface shall be eliminated before applying the sealant. The sealant is placed manually on the orifices or surfaces to be sealed, pressing slightly so it could adhere to the contact surfaces; the excess could be removed manually or with a spatula.





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## Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- It is recommended that the product remains confined and not exposed.
- Use proper safety equipment, like gloves, safety glasses or the specified by your company.
- Do not use thinner or turpentine, due they could contain oils.

## Storage conditions

- It is recommended that the product be confined and not exposed, in a cool, dry and ventilated.
- Containers that have been opened must be carefully closed with its lid original, avoiding contact with the weather.
- It is recommended to keep at a temperature of between 59 °F and 77 °F, since low temperatures the product becomes less malleable and at high temperatures the product becomes very soft.
- It is recommended not to smoke, eat or drink near the product.
- It is recommended that the product be protected from direct sunlight.

## Maintenance

- No maintenance required.
- If the seal is damaged, replace the damaged section, cleaning the surface with chemical or mechanical means before applying the new sealant.

## Precautions

- Prevent its application outdoors or that the product is exposed due it could harden.
- It is recommended do not apply fire or welding once the **TERMOSET®** has been applied.

## Limitations

- In continuous contact with solvents, oils and concentrated acids.
- In joints exposed to weather, due they trap dust.
- Totally exposed, due it suffers deterioration or could strain.

## Presentation

### Packaging and Colors



## Coverage

Varies respect to application.

## Shelf Life

12 meses en bodega fresca y seca, en el envase original a temperaturas de 21 °C (70 °F) y 50% de humedad relativa.

## Technical Support

Productos Pennsylvania's Technical Support is at your service, assisting you with:

Guidance in how to apply this or any of our products.

Blueprint reviews.

Joint dimension calculus.

Compatibility and adhesion testing of our sealants with different materials.

### NOTE:

Productos Pennsylvania S.A de C.V. provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

Productos Pennsylvania, S.A. de C.V.

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the caulking expert

