

**IDENTIFICATION**

|                      |                                          |
|----------------------|------------------------------------------|
| <b>Chemical Name</b> | SILICONE RUBBER USIHD80 TR-20KG -HS-5380 |
| <b>Formula</b>       | Not available                            |
| <b>CAS No.</b>       | Not available                            |

**PHYSICO-CHEMICAL CHARACTERISTICS**

|                   |             |                |                |                              |
|-------------------|-------------|----------------|----------------|------------------------------|
| <b>Aspect</b>     | Translucent |                |                |                              |
| <b>Feature</b>    | <b>Unit</b> | <b>Minimum</b> | <b>Maximum</b> | <b>Method</b>                |
| Tensile strength  | MPa         | 6,5            | -              | Manufacturer's Specification |
| Stretching        | %           | 200            | -              |                              |
| Breaking strength | KN/m        | 20             | -              |                              |
| Hardness          | Shore A     | 77             | 83             |                              |

**MAJOR APPLICATIONS**

Chemical, electrical and electronic industry, steel and automotive. In the manufacture of resistance terminals, housewares, wires and cables, hoses, perfiz, automotive parts, electronic products, high-voltage insulators, furnace and oven sealing, automotive engine sealing gaskets, etc.

**OTHER INFORMATION**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN No.</b>             | Product not included in the Resolution in force on the transport of dangerous products.                                                                                                                                                                                                                                                                                                                           |
| <b>No. of Risk</b>        | Product not included in the Resolution in force on the transport of dangerous products.                                                                                                                                                                                                                                                                                                                           |
| <b>Packaging</b>          | Box with 20 Kg of the product.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Care</b>               | Non-hazardous product. Handle the product in a place with good natural or mechanical ventilation. The use of a mask for organic vapors is recommended as good practices. The product does not give off vapors at room temperature. In case of discomfort or persistent irritation, consult a doctor.<br>For handling, use the following PPE's: PVC, nitrile or latex rubber gloves, boots and protective glasses. |
| <b>Storage</b>            | Keep stored in a covered, ventilated place at room temperature.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Validity</b>           | 6 months, depending on ideal storage conditions.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Legal Requirements</b> | Product not included in the Resolution in force on the transport of dangerous products.                                                                                                                                                                                                                                                                                                                           |

|                  |             |                                            |
|------------------|-------------|--------------------------------------------|
| <b>Datasheet</b> | <b>Code</b> | <b>Description</b>                         |
|                  | 233.36.7    | SILICONE RUBBER USIHD80 TR – 20 KG-HS-5380 |

**CHANGE HISTORY**

|             |               |                                                                           |
|-------------|---------------|---------------------------------------------------------------------------|
| <b>Date</b> | <b>Review</b> | <b>Comments on Amendments</b>                                             |
| -           | 00            | Initial Issue                                                             |
| -           | 01            | Specification number changed from EP 115 to EP 111 for system adjustment. |
| -           | 02            | Revision form with updated company logo.                                  |