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|  | <b>VITAL TECHNICAL SDN. BHD.</b>        |   | <b>Date : 10/11/06</b> |
|   | <b>Technical Data Sheet</b>             |  | <b>Revision : 1</b>    |
|   | <b>VT-164</b><br><b>Vital Clear RTV</b> |  | <b>Page : 1 Of 1</b>   |
|   |   | <b>CERTIFICATE NUMBER 6884</b>   |                        |

## **PRODUCT SPECIFICATION :**

### **Unvulcanized Rubber**

|   |                       |
|---|-----------------------|
| Density at 25°C                         | 1.03g/cm <sup>3</sup> |
| Consistency                             | 0.1"                  |
| Tack Free Time                          | <1 hour               |
| Skin Forming Time (at 27°C and 50% r.h) | 12 – 13 mins          |
| Cure Time (to 3/8" @ 27°C and 50% r.h)  | 5 – 7 days            |

### **Vulcanized Rubber**

|   |                       |
|---|-----------------------|
| Specific gravity at 25°C  | 1.04g/cm <sup>3</sup> |
| Tensile strength (ASTM D4 12)   | 320 psi               |
| Dynamic Joint Movement<br>(continue extension & comparison 1/8" per hour) | +/- 25%               |
| Hardness Shore A (ASTM D2240)   | 23 – 28               |
| Peel strength (ASTM C794)   | 20 ppi                |
| Application Temperature Range   | -37°C to +60°C        |
| Continuous Temperature Resistance   | -62°C to +204°C       |
| Intermittent Temperature Resistance                                       | -62°C to +260°C       |



## **Product Description:**

Vital Clear RTV is the 100% Silicone Sealant formulated for heavy duty applications. It makes reliable "formed-in-place" gaskets that resist cracking, shrinking and migration caused by thermal cycling. Ideal to replace almost any cut gasket. Also use to seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops.

## **Applications:**

Gasketing of machinery casing like compressors, pumps & gear box. Sealing of flange pipe joints, access door etc. Also use to protects & repairs electrical wiring, bonding of door frames, windshields, seams and roofs etc.

## **Directions:**

1. Surfaces must be clean, dry and free of dirt, grease, oil or water. Puncture the tube with the cap and install nozzle.
2. Squeeze tube and push sealant ahead of nozzle to achieve a smooth finish. Sealant skins in 5 minutes, dries to touch in 1 hour and is fully cured in 24 hours.
3. Uncured sealant can be cleaned up with mineral spirits.
4. Replace cap after use and store in cool, dry place.

## **Caution:**

This product emits Acetic Acid whilst curing. Uncured sealant causes skin and eye irritation upon contact. Avoid contact with skin, mouth and eyes. In case of eye or mouth contact, flush with cold water for 15 minutes. If irritation persists, seek medical attention immediately.

## **Storage:**

Store in dry and cool place below +30°C. Use within 12 months from the date of shipment.

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