



**PLANT PURCHASING
SPECIFICATION
HYDERABAD**

HY 55372

REV: 00

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RTV SEALANT / ADHESIVE & SILICON CEMENT

MATERIAL CODE : HY 5530072232

MILL SIZE : 62 " & 80 " SERIES.

LOCATION : 61 - 0XX

61 - 1XX

61 - 3XX PGMAS.

DESCRIPTION : IT IS HIGH TEMPERATURE RESISTANT ADHESIVE / SEALANT IN THE FORM OF A PASTE THAT CURES TO A TOUGH RUBBERY SOLID AT ROOM TEMPERATURE ON EXPOSURE TO WATER VAPOUR IN THE AIR.

- SPECIFICATION** :
1. HEAT RESISTANCE :
 - A. EXTENDED PERIOD OF CONTINUOUS OPERATION
AT 260 °C.
 - B. INTERMITTEN EXPOSURE AT 315 °C.
 2. CURE CHARACTERISTICS :- EXPOSED TO AIR AT 25°C.
 - A. SKIN OVER TIME \cong 6 MINUTES
 - B. TACK FREE TIME \cong 15 MINUTES.
 - C. CURE TIME (3.2 mm THICKNESS) : 24 HOURS.
 3. HARDNESS : 33 (SHORE A)
 4. TENSILE STRENGTH \cong 25 KG / Cm 2.
 5. PEEL STRENGTH : 3.6 KG / Cm AFTER 72 HOURS.

Revisions:			Issued :		
			STANDARDS ENGINEERING DEPARTMENT		
Rev.NO.	Amd.NO.	Reaffirmed	Prepared:	Approved:	Dt.of 1st Issue
			STDS		

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6. ELONGATION \cong 300%
7. NON TOXIC AND NON CORROSIVE.
8. SHOULD HAVE A SHELF LIFE OF 12 MONTHS.
9. SHOULD NOT FLOW OF ITS OWN WEIGHT WHEN IT IS APPLIED OVER HEAD.
10. SHOULD BE PACKED IN 300 / 350 GMS. PLASTIC CATRIDGES.
CATRIDGE GUNS ARE ALSO TO BE SUPPLIED.
(No. OF GUNS REQUIRED WILL BE SPECIFIED BY THE PURCHASE DEPT.)

APPLICATION : FOR FILLING GAPS BETWEEN LINERS AND ADHERING CERAMIC PLUGS TO LINERS IN VANE WHEEL ARRANGEMENT, AND IN MECHANICAL FACE SEAL ASSY.