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FILTER ADHESIVE DIVISION

PVC Compound Filter Adhesive

Chemfil produces a range of PVC based adhesives that demonstrate high mechanical and dielectric strengths, and high temperature chemical and thermal shock resistance. It is a high strength thermosetting adhesive and is of a formulation as used by internationally reputed filter manufacturing companies. Adhesion is heat resistant, Oil resistant and is inactive in Diesel Fuel. It providing excellent adhesion between metal / paper-to-paper in particular. Free flow feature ensures 100 % sealing with minimal adhesive application. It has no objectionable odour and permits free handling without in anyway causing health hazards.

APPLICATION USAGE

It is used to bond metal end cap to filter paper on heat curing. The seal packed containers must be rolled and tumbled to ensure the best results. The surface to be bonded should be free from dust, oil, grease and moisture. The PVC Compound Adhesives should be split evenly on the metal end cap of Filter through *Adhesive Dispensers* and the paper be affixed on the cap for polymerization as per the curing time and temp. required.

PVC based Heat Cured Thermosetting filter adhesive Plastisols			
	PVC Adhesive Grades	1750	1750 / T
	Grade Name	Free Flowing	Thixotropic
SNo	Properties		
	Type	Metal to paper	Paper to paper / metal
1	Color, before cure	Pale Yellow	Pale Yellow
2	Color, after cure	Light Brown	Brown
3	Viscosity , B - 8 Ford Cup	60 +- 15 seconds	1 to 2 minutes
4	Temp. Required in Degre C	210 -- 220	210 -- 220
5	De-Aeration	Nil	Nil
6	Final Polymerisation	After 24 hours	After 24 hours
7	Adhesion	Good with metal	Good with Paper
8	Tensile Strenght, psi	80 kg/cm ²	90 kg/cm ²
9	Hot Oil Stability - (SAE-30) tested after 48 hours of curing in degree Celcius	110 +- 10	110 +- 10
10	Shelf Life at 30 degree C	6 months	6 months
11	Recommended Usage	5 months	5 months
12	Hardness Shore "A"	60 - 75	60 - 75

STORAGE & MATERIAL HANDLING INSTRUCTION

STORAGE

The material should be stored in cool and dry rooms for the stated period as long as they are hermetically sealed. Protect the material against moisture. Storing temperature : 25 - 30 degree C .

SAFETY MEASURES

Sufficient ventilation is recommended. Hands and eyes must be protected by gloves and goggles. In case of contact of the material with the eyes, rinse with plenty of water and consult a physician. Hands and tools should be cleaned before polymerisation. Wash contact areas of skin with soap and water.

SPILL OR LEAK PROCEDURES / WASTE DISPOSAL METHOD

If the material is spilled or leaked, absorb in Sawdust, Sand or other absorbent shovel up and remove to chemical waste disposal area.

Dispose of waste in Chemical waste in Chemical Disposal Area.

The information herein is furnished is given in good faith but without any warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for intended processes and uses.

The application, use and processing of the products are beyond our control and therefore entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

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