July 6, 2007

To: 3MAPAC

Product Specification

Screenable / Water-Base Adhesive

<u>SP-7533</u>

Supplier:

Vigteqnos Co., Ltd.

Manufacture:

Showa Highpolymer Co., Ltd.

1.Item

Screenable / Water-Base Adhesive SP-7533

Product Name	Product No.	Construction
Screenable / SP-7533 Water-Base Adhesive		Chemical name: Acrylic ester-Vinyl acetate copolymer emulsion
		Acrylic ester-Vinyl acetate copolymer : $63 \sim 67\%$ Water:33~37\%

2.Product Name, Number and Construction

3.Physical Properties

3-1Specification

Item	Unit	Value	Test Method
Density	%	63.0~67.0	Dry the material at $105^{\circ}C \pm 0.5^{\circ}C$ for
			1 hour. After that, measure the weight
			at RM Temp. and calculate.
Viscosity	mPa∙s	24,000~40,000	Viscomater BH Type
			Speed :10rpm
			Temperature: $23^{\circ}C \pm 0.5^{\circ}C$
pH	mater	6.0~8.0	pH mater
			Temperature: $23^{\circ}C \pm 0.5^{\circ}C$

4.Package and Label

4-1 Package

a)3Kg per bottle with label

Apply a label on a bottle with

(1)Product No. (2)Weight (3) Lot No. (4) Stock No.

b)Lot No. Indication

 $\begin{array}{cccc} \underline{7} & \underline{07} & \underline{04} & \underline{5} \\ \text{Year Month Day Serial No.} \\ \text{Year: end of year i.e. } 7=2007 \end{array}$

Month: 07=July

5. Quality assured period

Storage: Store in dark place of about $5 \sim 40$ degree C. Quality assured period: 3month after shipment from source.

6.Certficate of Analysis

Density, Viscosity, pH by lot No.