



## MATERIAL SAFETY DATA SHEET

### PRODUCT: OMEGA COL

#### Section: 1. Identification of the substance /Preparation and company

##### Chemical Identity

Polyvinyl Acetate Emulsion Polymer

##### Manufacturer /Product by

Polygon Chemicals Pvt. Limited  
215, Satra Plaza, Plot No.20, Sector 19D  
Vashi, Navi Mumbai-4000705  
Telephone no.:022-27832882/27832884  
Fax -022-27832890

[info@polygonchemicals.com](mailto:info@polygonchemicals.com)

[www.polygonchemicals.com](http://www.polygonchemicals.com)

<b>Product Code</b>	OMEGA COL
<b>Product type</b>	Wood Adhesive
<b>Emergency Telephone</b>	022- 27832882
<b>Hazardous ingredients</b>	

Contains no hazardous ingredients

#### Section-2. Composition/Information on Ingredients

Polyvinyl Acetate	35 TO 40 %
Water	65 TO 60 %

#### Section –3. Hazardous Identification

Free monomer as VAM less than 0.5% on total weight

#### Section –4. First Aid Measurers

Inhalation	headache, dizziness
Ingestion	irritation of alimentary canal
Eyes	irritation
Skin	irritation
<b>First aid</b>	
Inhalation	move to fresh air
Ingestion	Do not induce vomiting, obtain medical attention
Eyes	immediately wash with plenty of clean water
Skin	wash thoroughly with water and soap
<b>Advice to Physicians</b>	treat symptomatically

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### Section –5. Fire Fighting Measures

Extinguishing Media	Non-Combustible
Special exposure hazards	None
Thermal decomposition	Noxious fumes
Protective equipment's	self-contained breathing apparatus

### Section –6. Accidental Release Measures

Spillage	Confine area of spillage Absorb with dry sand, saw dust or other inert Material Transfer to container for disposal
Protective equipment	Glasses and rubber gloves

### Section-7. Handling and Storage

Storage	Indoor/outdoor. Avoid direct sun light
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### Section-8. Exposure Control/ Protection

Exposure control	None established
Personal Protection	Hand Gloves, face masks
Respiratory protection	Avoid inhalation of vapors, use adequate Respiratory equipment's
Eye/Face Protection	Safety eye wear against splashing
Skin /hand Protection	Wear rubber or synthetic gloves. Prevent contact With contaminated clothing

### Section-9 Physical and chemical Composition

Appearance	Milky white Emulsion/ Paste
Odor	Mild
pH	4-6
Boiling Point	100°C
Flash Point	Not Applicable
Specific gravity	1.04-1.07
Viscosity in Poise at RT	150-250 Poise.
Solubility in water	Dilutable at as desired

### Section-10 Stability and Reactivity

Stability	Stable
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### Section-11 Toxicological Information

Acute toxicity	
Rat oral	>5g/ KG
Irritation	
Skin	Not an irritant
Eyes	Not an irritant
Sensitization	

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Skin Not a sensitizer  
Respiratory Not a sensitizer

### Section-12 Ecological Information

Eco toxicity Expected to show insignificant toxicity to aquatic organisms  
Fate Expected to be not inherently biodegradable but to have  
Low potential to bioaccumulation

### Section-13 Disposal Consideration

Disposal to incinerator or use it in road construction site

### Section-14 Transport Consideration

International: -

Land Transport	: ADR/RID/GGVS/GGVE	: Not Regulated
Sea Transport	: IMDG/GGV See UN.NO	: Not Regulated
Air Transport	: ICAO / IATAUN/ID.NO	: Not Regulated
U.S	: D.O.T classification	: Not Regulated
CANADA	: Transport of dangerous goods	: Not Regulated

### Section-15 Regulatory Information Title III Hazard Classification

Sections 311,312

Acute	: NO
Chronic	: NO
Fire	: NO
Reactivity	: NO
Pressure	: NO
Toxic Chemical	: NO

### Section-16 Other information

Uses As an adhesive in wood working and furniture segment  
Technical Contact point Tel:(022) 27832882 Fax :022-27832890

### Disclaimer

The information contained in this data sheet is best of knowledge true and accurate but any recommendation or suggestion. Which may be made are without guarantee since the condition of use are beyond our control. Furthermore, nothing contained here in shall be construed as a recommendation to use in any product in conflict with existing patent covering any material or its use.

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