



Revision 8
Date Issued 7/96

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MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

Manufacturer's Name Telephone
Klöckner Pentaplast of America, Inc. Regular (540) 832-3600
Emergency same

Address:

P.O. Box 500, Klöckner Road, Gordonsville, Virginia 22942

Product Name and Synonyms:

**Pentapharm[®], Pentafood[®], Pentaclear[®], Pentadur[®],
Pentamed[®], Pentaform[®], Pentaprint[®], Pentatherm[®]
Pentalan[®], Pentastat[®], Pentacard[™], Pentasound[™]**

Chemical Name and Formula:

Rigid Polyvinyl Chloride

Uses:

Packaging, Pharmaceuticals, Food, Boxes, Stationary, Thermoforming, Printing, Insulation,
Technical

II - HAZARDOUS INGREDIENTS

Material (s) NONE % by wt

III - PHYSICAL DATA

Boiling Point (760mm HG) N/A Specific Gravity (H20=1) 1.3 - 1.5
Vapor Pressure (MM HG) N/A Percent Volatile by Volume (2) Negligible
Vapor Density (Air = 1) N/A Evaporation Rate (=1) N/A
Solubility in Water (*by WT) Insol. Melting Point N/A
Appearance-Plastic Sheet, Clear and Colors Molecular Wt. N/A

IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits LEL	UEL
Extinguishing Media		(% by Volume)	NA NA
H ₂ O, CO ₂ Dry Chemical		Autoignition Temperature	N/A

Special Fire Fighting procedures

Rigid PVC Sheet is self-extinguishing. If rigid PVC is involved in a fire (fueled by another source) and breathing is difficult, use a self contained breathing apparatus and full protective equipment.

Hazardous Combustion Procedures

None

Unusual Fire and Explosion Hazards

Rigid PVC is self-extinguishing, but can be burned if fueled by another source. When forced to burn PVC gives off trace amounts of hydrogen chloride and other irritating fumes. Protective equipment is recommended.

V - HEALTH HAZARD DATA

Effects of Overexposure

Inhalation - Acute Effects	None	<u>LDSO</u>	NA	<u>LCSO</u>	NA
- Chronic Effects	None	<u>TLVA</u>	NA	<u>STEL</u>	NA
Skin Contact	None				
Eye Contact	N/A				
Ingestion - Acute Effect -					
- Chronic Effect -	N/A				

Emergency and First Aid Procedures

Eye	N/A
Skin	None
Inhalation	None
Ingestion	N/A

VI - REACTIVITY DATA

Conditions Contributing to Instability	Heat
Incompatability	None
Hazardous Decomposition Products	HCL, CO, CO ₂ (Above 570°F)
Conditions Contributing to Hazardous Polymerization	High Heat

VII - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled	None
Waste Disposal Method	Recycle Incinerate Landfill

VIII - SPECIAL PROTECTION INFORMATION


Ventilation Requirements	None
Respiratory Protection (Specific Type)	None
Eye Protection - (Specify)	None
Protective Gloves - (Specify)	None
Other Clothing & Equipment - (Specify)	None

IX - SPECIAL PRECAUTIONS

Precautionary Statements for Posting

Other Handling and Storage Precautions None

The information on this MSDS form is accurate to the best of Klockner's knowledge and is provided solely for the purpose of complying with OSHA Safety and Health regulations, and is not intended for any other purpose. No guarantee, expressed or implied, concerning this information is made.



 Signature

3/4/2004

 Date

LAB MANAGER

 Title

Klockner-Pentaplast of America
 P.O. Box 500
 Gordonsville, VA 22942

 Address