

SeaCure Docking Systems, Inc.
381 Virginia Street
Urbanna, VA 23175

Telephone: 804-758-2096
Fax: 804-758-2098
website: www.seacuredocking.com

Material Safety Data Sheet

Section I - Identification

Manufacturer: SeaCure Docking Systems, Inc.
Emergency Telephone No.: 877-973-2287
Address: 381 Virginia Street
City: Urbanna
State: Virginia
Zip Code: 23175

Chemical Name & Synonyms: Polyvinyl Chloride (CAS # : 9002-86-2)
Chemical Family: Polymer
Trade Name & Synonyms: PVC Plastic Pipe
Chemical Formula: $-(CH_2-CHCl)-$

Section II - Hazardous Ingredients

Paints, Preservatives & Solvents	<u>%</u>	<u>TLV</u>
Pigments	N/A	
Catalyst	N/A	
Vehicle	N/A	
Solvents	N/A	
Additives	N/A	
Others	N/A	
Alloys & Metallic Coatings	<u>%</u>	<u>TLV</u>
Base Metal	N/A	
Alloys	N/A	
Metallic Coatings	N/A	
Filler Metal Plus		
Coatings/Core Flux	N/A	
Others	N/A	
Hazardous Mixtures of Other Liquids, Solids or Gases	<u>%</u>	<u>TLV</u>
PVC (CAS #: 9002-86-2), a nuisance dust	Major	15mg/m3
May or may not contain		
Trace of Vinyl Chloride Monomer (VCM)		1 ppm
(CAS #: 75-01-4), a Carcinogen determined by IARC and OSHA.		

*TLV's refer to Airborne Concentrations over 8 Hr. TWA.

Material Safety Data Sheet

Section III - Physical Data

Boiling Point (°F)	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density (Air - 1)	N/A
Solubility in Water	Insoluble
Appearance and Odor	Pipes are Tan, Gray, White, Blue or Green in color and Odorless.
Specific Gravity (H ₂ O-1)	1.4
Percent, Volatile by Volume (%)	N/A
Evaporation Rate	N/A

Section IV - Fire and Explosion Hazard Data

Flash Point (method used)	Flammable Limits:
734 degrees F; Self-ignition: 550 degrees F (ASTM D-1929)	N/A

Extinguishing Media:

Water, Carbon Dioxide or Dry Chemical (ABC only).

Special Fire Fighting Procedures:

Wear gas mask approved for Acid Vapors.

Unusual Fire and Explosion Hazards:

PVC does not support Combustion. An external fire causes it to burn and Hydrogen Chloride Gas is liberated.

Section V - Health Hazard Data

Threshold Limit Value: (shown on first page)

No acute health effects associated with inhalation of PVC dust.

Effects of Over-exposure:

Prolonged breathing of concentrated PVC dust may cause losses in Lung function. PVC dust may also cause Eye irritation and Skin dryness.

Emergency and First Aid Procedures:

No emergency situation is likely to arise from the routine handling of PVC pipe. However, should it happen:

Eyes - remove particles by flushing with clean water.

Skin - wash with soap and water.

Ingestion - do **not** induce vomiting, consult a Physician.

Material Safety Data Sheet

Section VI - Reactivity Data

Stability:

Unstable _____ Conditions to avoid: Do not heat to temps greater than 350 degrees F. which causes slow darkening and decomposition.
Stable X Higher heat (482 'F) increases rate and evolution of HCl gas, an acidic & corrosive gas.

Incompatibility (materials to avoid):

Fluorine
Acetal
Amine containing materials.
Certain Ketones and Organic solvents.

Hazardous Decomposition Products:

Thermal decomposition products HCl, CO & CO₂ (above 570 degrees F).

Hazardous Polymerization:

May occur _____ Conditions to avoid : N/A
Will not occur X Conditions to avoid : N/A

Section VII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Pipe fragments and debris should be swept up and removed to disposal containers.

Waste disposal methods:

Handle in accordance with Federal, State and Local regulations.

Section VIII - Special Protection Information

Respiratory protection (specify type):

Not required for ordinary handling.

Ventilation:

Local exhaust: N/A Special: N/A
Mechanical: N/A Other: N/A

Protective gloves:

Not required for ordinary handling.

Eye protection:

Not required for ordinary handling.

Other protective equipment:

Not required for ordinary handling.

SeaCure Docking Systems, Inc.

Material Safety Data Sheet

Section IX - Special Precautions

Precautions to be taken in handling and storing:

Avoid storing in places with temperatures higher than 350 'F.

Avoid creating and breathing PVC dust.

Other Precautions:

All tools which may create PVC dust in excess of the exposure limits shall be provided with local exhaust ventilation systems.

NOTE:

This information is provided without warranty, representation, inducement or license of any kind, except that it is accurate to the best of our knowledge or obtained from sources believed by us to be accurate. We do not assume any legal responsibility for use of or reliance upon this document.