

**MATERIAL SAFETY DATA SHEET**

OF ISSUE: February 17, 1986

Emergency Phone Number  
303/623-5716 COLLECT

**Section 1. Identity of Material**

Product Name or Number			OATEY ALL-WEATHER PVC CEMENT		
Synonyms			PVC Plastic Pipe Cement		
Formula		PVC Resin in Solvent Solution	CAS Number	Chemical Family	PVC Organisol
Regulated Identification	DOT Proper Shipping Name:		CEMENT		
	Shipping ID Number	NA 1133	EPA Hazardous Waste ID Number	D-001	
Hazardous Ingredients			%	CAS Number	
PVC Resin			12-17	75-01-4	
Tetrahydrofuran			65-75	109-99-9	
Fumed Silica			1-2	7631-86-9	
Cyclohexanone			10-16	108-94-1	

**Section 2. Hazard Specifications**

					TLV, PEL and STEL:	
Known Hazards Under 29 CFR 1910.1200					THF: TLV-200 ppm, 590 mg/m <sup>3</sup> PEL-200 ppm, 590 mg/m <sup>3</sup> STEL-250 ppm, 735 mg/m <sup>3</sup>	
	YES	NO		YES	NO	
Combustible Liquid		X	Skin Hazard	X		CYH: TLV-25 ppm, 100 mg/m <sup>3</sup> PEL-50 ppm, 200 mg/m <sup>3</sup> STEL-100 ppm, 400 mg/m <sup>3</sup>
Flammable Material	X		Eye Hazard	X		
Pyrophoric Material		X	Toxic Agent	X		MEK:  NONE
Explosive Material		X	Highly Toxic Agent		X	
Unstable Material		X	Sensitizer		X	NFPA Hazard Signal
Water Reactive Mat.		X	Carcinogen		X	Health 1      Flammability 3
Oxidizer		X	Reproductive Toxin	X		Stability 0      Special NONE
Organic Peroxide		X	Blood Toxin		X	DOT Hazard Class  Flammable Liquid
Corrosive Material		X	Nervous Sys. Toxin	X		
Compressed Gas		X	Lung Toxin	X		EPA Hazard Waste Class  Ignitable Waste
Irritant	X		Liver Toxin	X		
			Kidney Toxin	X		

Section 3. Health Hazard Data

Effects of Exposure:

ENTRY ROUTE: Inhale  X  Ingest  X  Skin  X  Eye  X

Eyes & Skin: Vapors and direct contact may cause irritation, pain and redness. May possibly be absorbed through the skin.

Inhalation & Ingestion: May cause irritation of mucous membranes, nausea, dizziness, headache, gastrointestinal irritation, decreased blood pressure and central nervous depression. Extremely high concentrations may cause a narcotic or anesthetic effect. Has caused liver and kidney damage in animals.

Section 4. Emergency Response Data

Exposure	<p><u>First Aid Measures:</u> <u>INHALATION</u> - Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately. <u>SKIN</u> - Flush with water, then wash thoroughly with soap &amp; water. Remove contaminated clothing &amp; wash before reuse. Call a poison control center or physician if irritation persists. <u>EYES</u> - Flush with water for 15 min. &amp; call a poison control center or physician if an irritation persists. <u>INGESTION</u> - Drink plenty of water. DO NOT INDUCE VOMITTING, and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.</p>
Fire	<p><u>Special Procedures:</u> <u>For Small Fires:</u> Use dry chemical, CO<sub>2</sub>, water or foam extinguisher. <u>For Large Fires:</u> Evacuate area and call Fire Department immediately.</p>
Spills	<p><u>Steps To Be Taken:</u> Ventilate area, stop leak if it can be done without risk. Take up with sand, earth or other absorbing material. Dispose of according to local, state &amp; Federal Reg.</p>

Section 5. Safe Usage Data

Protective Equipment Types	Eyes: Safety Glasses with Side Shields
	Respiratory: NIOSH-Approved canister respirator in absence of adequate ventilation.
	Gloves: Rubber Gloves.
	Other: Eye wash and safety shower should be available.
Ventilation	<p><u>General Mechanical:</u> Exhaust ventilation capable of maintaining emissions at the point of use below PEL. <u>Local Exhaust:</u> Open doors &amp; windows. If used in enclosed area, use exhaust fan to remove fumes</p>
Precautions	<p><u>Handling &amp; Storage:</u> Keep away from heat, sparks and flames; store in cool, dry place.</p>
	<p><u>Other:</u> Containers, even those that have been emptied, will retain residue and vapors. Handle empty containers as if they were full.</p>

(OATEY ALL-WEATHER PVC CEMENT)


**Section 6. Physical Hazard Data**

Flammability	LFL= 2	% Volume	Flashpoint:	5 - 8°F.
	UFL= 12	% Volume	Method Used:	Tag Closed Cup
Stability	Stable	X	Conditions To Avoid: Heat, sparks and open flame.	
	Unstable		Hazardous Decomp. Pmts.: Carbon monoxide/carbon dioxide/hydrogen chloride/smoke.	
Hazardous Polymerization	May Occur		Conditions to Avoid:	
	Will Not Occur	X	NONE	
Incompatibility	Materials To Avoid: Acids, oxidizing materials, alkalis, chlorinated inorganics (Potassium, Calcium, and Sodium Hypochlorite), copper or copper alloys.			

**Section 7. Physical and Chemical Properties**

Boiling Pt:	151 °F	66 °C	Vapor Density (Air 1)	2.5	Volatile Components	81 - 85%
Vapor Press:	145 mmHg @ 20°	psi	pH	N/A	Sp. Gravity:	0.94 + 0.01
Solubility In H <sub>2</sub> O:	Negligible		Will Dissolve In:	Evaporation Rate:		
			TETRAHYDROFURAN	( B U A C = 1 ) 5.0 - 8.0		
Appearance:	Clear Liquid				Is Material:	Paste Powder
Odor:	Ether-like Odor.				Solid	(Liquid) Gas

**Section 8. Manufacturer of Supplier Data**

Firm Name & Mailing Address:  OATEY CO. P. O. Box 35906 4700 W. 160th Street Cleveland, OH 44135 (216) 267-7100	Name (Print):	Paul E. Naton
	Signature:	
	Title:	Corporate Chemist
	Date:	February 17, 1986
	Emergency Telephone No.	(303) 623-5716 (Collect)

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