

DATE OF ISSUE: February 17, 1986

MATERIAL SAFETY DATA SHEET

000305
Emergency Phone Number
303/623-5716 COLLECT

Section 1. Identity of Material

Product Name or Number			OATEY REGULAR ABS CEMENT		
Synonyms			ABS Plastic Pipe Cement		
Formula			ABS Resin in Solvent Solution		
			Chemical Family: ABS Organisol		
Regulated Identification	DOT Proper Shipping Name:		CEMENT		
	Shipping ID Number		NA 1133	EPA Hazardous Waste ID Number: D-001	
Hazardous Ingredients		%	CAS Number		
Methyl Ethyl Ketone		65-75	078-933		
ABS Resin		25-35	9003-56-9		
Carbon Black		1-2	1333-86-4		

Section 2. Hazard Specifications

Known Hazards Under 29 CFR 1910.1200						TLV, PEL and STEL:	
						THF: NONE	
	YES	NO		YES	NO	CYH: NONE	
Combustible Liquid		X	Skin Hazard	X			
Flammable Material	X		Eye Hazard	X			
Pyrophoric Material		X	Toxic Agent	X		MEK: TLV-200 ppm, 590 mg/m ³ PEL-200 ppm, 590 mg/m ³ STEL-300 ppm, 885 mg/m ³	
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	
Irritant	X		Liver Toxin		X	Toxic Waste Ignitable Waste	
			Kidney Toxin		X		

Effects of Exposure:	
ENTRY ROUTE:	Inhale <u> X </u> Ingest <u> X </u> Skin <u> X </u> Eye <u> X </u>
Inhalation:	May cause irritation of mucous membrane, nose and throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has caused CNS depression in animals and concentrations of 1000-3000 ppm caused retardation of fetal development in rats.
Ingestion:	May be aspirated into the lungs or cause systemic effects described under inhalation.
Skin:	Chronic contact may lead to irritation and dermatitis. Chronic exposure to vapors of high concentration may cause dermatitis. May possibly be absorbed through the skin.
Eye:	Vapors or direct contact may cause irritation.

Section 4. Emergency Response Data

Exposure	<p>First Aid Measures:</p> <p><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.</p> <p><u>Skin</u> - Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a poison control center or physician if irritation persists.</p> <p><u>Eyes</u> - Flush with water for 15 min. & call a poison control center or physician if an irritation persists.</p> <p><u>Ingestion</u> - Drink plenty of water. <u>DO NOT INDUCE VOMITING</u>, and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.</p>
Fire	<p>Special Procedures: <u>For small fires:</u> Use dry chemical, CO₂, water or foam extinguisher.</p> <p><u>For large fires:</u> Evacuate area and call Fire Department immediately.</p>
Spills	<p>Steps To Be Taken: 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 & Federal Reg.</p>

Section 5. Safe Usage Data

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

(Oatey Regular ABS Cement)

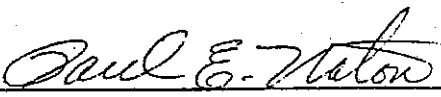
Section 6. Physical Hazard Data

Flammability	LFL= 2 UFL= 12	% Volume % Volume	Flashpoint: 20 @ °F -6.7 °C Method Used: Tag Closed Cup
Stability	Stable	X	Conditions To Avoid: Heat, sparks and open flame.
	Unstable		Hazardous Decomp. Pmts.: Carbon Monoxide, CO ₂ , Black Smoke.
Hazardous Polymerization	May Occur		Conditions to Avoid: NONE
	Will Not Occur	X	
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:	176 °F	80 °C	Vapor Density (Air 1)	2.5	Volatile Components	78 +
Vapor Press:	100 mmHg	25 °C	pH	N/A	Sp. Gravity:	0.85 + 0.02
Solubility In H ₂ O:	27.1% wt. @ 20°C		Will Dissolve In:	Evaporation Rate:		
			Water, organic solvents	(Ether =i) 2.7		
Appearance:	Black Liquid.				Is Material:	Paste Powder
Odor:	Sharp, fragrant, mint-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) 623-5746 (Collect)