

OATEY REGULAR ABS BLACK LO-VOC CEMENT

Latest Revision Date...02/29/00

Section 1 IDENTITY OF MATERIAL

TRADE NAME OATEY ABS BLACK LO-VOC CEMENT

PRODUCT NUMBERS 31800, 31801, 31802, 31803, 31804

FORMULA ABS Resin in Solvent Solution

SYNONYMS ABS Plastic Pipe cement

SECTION 2 HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>SEC 313</u>
Methyl Ethyl Ketone	60-75%	78-93-3	Yes
ABS Resin	25-40%	9003-56-9	No
Black Colorant	<3%	N/A	No

SECTION 3 KNOWN HAZARDS UNDER 29 CFR 1910.1200

<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>	<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>
Combustible Liquid		X	Skin Hazard	X	
Flammable Liquid	X		Eye Hazard	X	
Pyrophoric Material		X	Toxic Agent	X	
Explosive Material		X	Highly Toxic Agent		X
Unstable Material		X	Sensitizer		X
Water Reactive Material		X	Kidney Toxin		X
Oxidizer		X	Reproductive Toxin	X	
Organic Peroxide		X	Blood Toxin		X
Corrosive Material		X	Nervous System Toxin	X	
Compressed Gas		X	Lung Toxin	X	
Irritant	X		Liver Toxin		X
Carcinogen NTP/IARC/OSHA (see SECTION 6)		X			

SECTION 4 REGULATION

<u>CHEMICAL</u>	<u>TLV (TWA)</u>	<u>PEL</u>	<u>STEL</u>	<u>Hazard Action Level</u>
Methyl Ethyl Ketone	200 ppm 590 mg/cu m	200 ppm 590 mg/cu m	300 ppm 885 mg/cum	N/A

SECTION 5 REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME	CONSUMER COMMODITY ORM-D; For Gallons: Adhesives, 3, UN 1133, PG II
DOT HAZARD CLASS	Class 3 Flammable Liquid
SHIPPING ID NUMBER	UN 1133 (Gallons Only)
EPA HAZARDOUS WASTE ID NUMBER	D-001
EPA HAZARD WASTE CLASS	Ignitable Waste/Toxic Waste

SECTION 6 EFFECTS OF EXPOSURE

ENTRY ROUTE	INHALE - YES INGEST - YES SKIN - YES EYE - YES
INHALATION	May cause irritation of mucous membranes, nose & throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has caused CNS depression & liver damage in animals, & high concentrations have caused retardation of fetal development in rats.
TARGET ORGANS	Eye, Skin, Lung, Central Nervous System
SKIN	Chronic contact may lead to irritation & 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.
INGESTION	May be aspirated into the lungs or cause systemic effects described under inhalation.

SECTION 7 EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN	If irritation arises, wash thoroughly with soap and water. Seek medical attention if irritation persists.
EYES	If fumes cause irritation, move to fresh air and irrigate eyes with water for 15 minutes. If irritation persists, seek medical attention.
INHALATION	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.

INGESTION Drink water and call a poison control center or physician immediately. Avoid alcoholic beverages.
Never give anything by mouth to an unconscious person.

SECTION 8 PHYSICAL AND CHEMICAL PROPERTIES

NFPA HAZARD SIGNAL HEALTH 2 STABILITY 1 FLAMMABILITY 3 SPECIAL NONE

BOILING POINT 176 Degrees F / 80 C

MELTING POINT N/A

VAPOR PRESSURE 100 mmHg @ 25 Degrees C

VAPOR DENSITY (AIR = 1) 2.5

VOLATILE COMPONENTS 60 – 75 %

SOLUBILITY IN WATER Negligible

PH N/A

SPECIFIC GRAVITY 0.85+/-0.02

EVAPORATION RATE (BUAC = 1) = 2.7

APPEARANCE Black Liquid

ODOR Ether odor

WILL DISSOLVE IN Water, Organic solvents

MATERIAL IS Liquid

SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY LEL = 1.8 % Volume UEL = 11.8 % Volume

FLASHPOINT AND METHOD USED 20 Degrees F. / PMCC

STABILITY Stable CONDITIONS TO AVOID: Heat, sparks and open flame. HAZARDOUS DECOMP. PDTS: Carbon monoxide/ carbon dioxide/hydrogen chloride/smoke.

HAZARDOUS POLYMERIZATION Will Not Occur. CONDITIONS TO AVOID: None

INCOMPATIBILITY/ MAT. TO AVOID Acids, oxidizing materials, alkalis, chlorinated inorganics (potassium, calcium and sodium hypochlorite), copper or copper alloys.

SPECIAL FIRE FIGHTING PROCEDURE FOR SMALL FIRES: Use dry chemical, CO₂, water or foam extinguisher.
FOR LARGE FIRES: Evacuate area and call Fire Department immediately.

SECTION 10 SPILL AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES	Ventilate area, stop leak if it can be done without risk. Take up with sand, earth, or other non-combustible absorbing material.
WASTE DISPOSAL	Dispose of according to local, state, and Federal regulations.

SECTION 11 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	LOCAL EXHAUST: Open doors & windows. Exhaust ventilation capable of maintaining emissions at the point of use below PEL. If used in enclosed area, use exhaust fans. Exhaust fans should be explosion-proof or set up in a way that explosive concentrations of solvent vapors are not exposed to electrical fixtures or hot surfaces.
PRECAUTIONS	HANDLING & STORAGE: Keep away from heat, sparks and flames; store in cool, dry place. OTHER: Containers, even empties will retain residue and vapors.

SECTION 12 MANUFACTURER OR SUPPLIER DATA

FIRM NAME & MAILING ADDRESS	OATEY CO., 4700 West 160th Street, P.O. Box 35906 Cleveland, Ohio 44135
OATEY PHONE NUMBER	(216) 267-7100
EMERGENCY PHONE NUMBER	For Emergency First Aid call (303) 623-5716 COLLECT For chemical transportation emergencies ONLY, call Chemtrec at 1-800-424-9300

SECTION 13 DISCLAIMER

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Oatey cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.