

REGULAR ABS CEMENT

**SECTION 1**

**IDENTITY OF MATERIAL**

Trade Name: OATEY REGULAR ABS CEMENT  
Product Numbers: 30889, 30892, 30902, 30915, 30929, 30999  
Formula: ABS Resin in Solvent Solution  
Synonyms: ABS Plastic Pipe Cement  
Firm Name & Mailing Address: OATEY CO. 4700 West 160th Street P.O. Box 35906 Cleveland, Ohio 44135, U.S.A. <http://www.oatey.com>  
Oatey Phone Number: (216) 267-7100  
Emergency Phone Numbers: For Emergency First Aid call 1-303-623-5716 COLLECT. For chemical transportation emergencies ONLY, call Chemtrec at 1-800-424-9300

**SECTION 2**

**COMPOSITION**

<u>INGREDIENTS:</u>	<u>%:</u>	<u>CAS NUMBER:</u>	<u>ACGIH TLV TWA:</u>	<u>OSHA PEL TWA:</u>	<u>OTHER:</u>
Methyl Ethyl Ketone	60 - 75%	78-93-3	200 ppm	200 ppm	
ABS Resin (Non-hazardous)	25 - 35%	9003-56-9	None Established	None Established	
Black Colorant (Non-hazardous)	0 - 5%	N/A	None Established	None Established	

**SECTION 3**

**EMERGENCY OVERVIEW**

Black liquid with an ether-like odor. Extremely flammable liquid and vapor. Vapors may cause flash fire. May cause eye and skin irritation. Inhalation of vapors or mist may cause respiratory irritation and central nervous system effects. Swallowing may cause irritation, nausea, vomiting, diarrhea and kidney or liver disorders. Aspiration hazard. May be fatal if swallowed. Symptoms may be delayed.  
NFPA Hazard Signal: Health: 1 Stability: 0 Flammability: 3 Special: None  
HMIS Hazard Signal: Health: 3 Stability: 0 Flammability: 3 Special: None  
OSHA Hazard Classification: Flammable, irritant, organ effects  
Canadian WHIMS Classification: Class B, Division 1; Class D, Division 2, Subdivision B

**SECTION 4**

**EMERGENCY AND FIRST AID PROCEDURES - CALL 1-303-623-5716 COLLECT**

Skin: Remove contaminated clothing immediately. Wash all exposed areas with soap and water. Get medical attention if irritation develops. Remove dried cement with Oatey Plumber's Hand Cleaner or baby oil.  
Eyes: If material gets into eyes or if fumes cause irritation, immediately flush eyes with water for 15 minutes. If irritation persists, seek medical attention.  
Inhalation: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.  
Ingestion: **DO NOT INDUCE VOMITING.** Rinse mouth with water. Never give anything by mouth to a person who is unconscious or drowsy. Get immediate medical attention by calling a Poison Control Center, or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital.

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**SECTION 5 FIRE FIGHTING MEASURES**

Flashpoint / Method: 20 - 30 Degrees F. / PMCC  
Flammability: LEL = 1.8 % Volume, UEL = 11.8 % Volume  
Extinguishing: Use dry chemical, CO<sub>2</sub>, or foam to extinguish fire. Cool fire exposed container with water. Water may be ineffective as an extinguishing agent.  
Media:  
Special Fire Fighting Procedure: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored  
Unusual Fire and Explosion Hazards: Extremely flammable liquid. Keep away from heat and all sources of ignition including sparks, flames, lighted cigarettes and pilot lights. Containers may rupture or explode in the heat of a fire. Vapors are heavier than air and may travel to a remote ignition source and flash back.  
Hazardous Decomposition Products: Combustion will produce toxic and irritating vapors including carbon monoxide, carbon dioxide and hydrogen chloride.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Spill or Leak Procedures: Remove all sources of ignition and ventilate area. Stop leak if it can be done without risk. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high. Soak up spill with an inert absorbent such as sand, earth or other non-combusting material. Put absorbent material in covered, labeled metal containers. Prevent liquid from entering watercourses, sewers and natural waterways. Report releases to authorities as required. See Section 12 for disposal information.

**SECTION 7 HANDLING AND STORAGE**

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Use with adequate ventilation (equivalent to outdoors). Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use.  
Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use.  
Other: "Empty" containers retain product residue and can be hazardous. Follow all MSDS precautions in handling empty containers. Do not cut or weld on or near empty or full containers.

**SECTION 8 ECOLOGICAL INFORMATION**

This product is not expected to be toxic to aquatic organisms.  
Methyl Ethyl Ketone: 96 hour LC<sub>50</sub> for fish is greater than 100 mg/L.  
VOC Information: This product emits VOC's (volatile organic compounds) in its use. Make sure that use of this product complies with local VOC emission regulations, where they exist.  
VOC Level: 600 g/l per SCAQMD Test Method 316A.

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**SECTION 9                    EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation:    Open doors & windows. Provide ventilation capable of maintaining emissions at the point of use below recommended exposure limits. If used in enclosed area, use exhaust fans. Exhaust fans should be explosion-proof or set up in a way that flammable concentrations of solvent vapors are not exposed to electrical fixtures or hot surfaces.

Respiratory    For operations where the exposure limit may be exceeded, a NIOSH Protection:       approved organic vapor respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Skin            Rubber gloves are suitable for normal use of the product. For long Protection:       exposures product chemical resistant gloves may be required such as 4H(tm) or Silver Shield(tm) to avoid prolonged skin contact.

Eye             Safety glasses with sideshields or safety goggles.

Protection:   

Other:           Eye wash and safety shower should be available.

**SECTION 10                    PHYSICAL AND CHEMICAL PROPERTIES**

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:     0.87 +/- 0.02

Evaporation Rate:    (BUAC = 1) = 2.7

Appearance:         Black Liquid

Odor:                  Sharp, fragrant, mint-like odor

Will Dissolve In:     Organic solvents

Material Is:           Liquid

**SECTION 11                    STABILITY AND REACTIVITY**

Stability:             Stable.

Conditions To Avoid: Avoid heat, sparks, flames and other sources of ignition.

Hazardous             Combustion will produce toxic and irritating vapors

Decomposition        including carbon monoxide, carbon dioxide and hydrogen

Products:              chloride.

Incompatibility/      Oxidizing agents, alkalies, amines, ammonia, acids, chlorine

Materials To Avoid:  compounds, chlorinated inorganics (potassium, calcium and

                             sodium hypochlorite) and hydrogen peroxides. May attack

                             plastic, resins and rubber.

Hazardous             Will not occur.

Polymerization:     

**SECTION 12                    DISPOSAL INFORMATION**

Waste Disposal:     Dispose in accordance with current local, state and federal regulations.

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**SECTION 13**

**TOXICOLOGICAL INFORMATION**

Inhalation: Vapors or mists may cause mucous membrane and respiratory irritation, coughing, headache, dizziness, dullness, nausea, shortness of breath and vomiting. High concentrations may cause central nervous system depression, narcosis and unconsciousness. May cause kidney, liver and lung damage.

Skin: May cause irritation with redness, itching and pain. Methyl ethyl ketone may be absorbed through the skin causing effects similar to those listed under inhalation.

Eye: Vapors may cause irritation. Direct contact may cause irritation with redness, stinging and tearing of the eyes. May cause eye damage.

Ingestion: Swallowing may cause abdominal pain, nausea, vomiting and diarrhea. Aspiration during swallowing or vomiting can cause chemical pneumonia and lung damage. May cause kidney and liver damage.

Chronic Toxicity: Prolonged or repeated overexposure cause dermatitis and damage to the kidney, liver, lungs and central nervous system.

Toxicity Data: Methyl Ethyl Ketone: Oral rat LD50: 2,737 mg/kg  
Inhalation rat LC50: 23,500 mg/m<sup>3</sup>/8 hours  
Skin rabbit LD50: 6,480 mg/kg

Sensitization: None of the components are known to cause sensitization.

Carcinogenicity: None of the components are listed as a carcinogen or suspect carcinogen by NTP, IARC or OSHA.

Mutagenicity: Methyl ethyl ketone is not considered genotoxic based on laboratory studies.

Reproductive Toxicity: Methyl ethyl ketone has been shown to cause embryofetal toxicity and birth defects in laboratory animals.

Medical Conditions Aggravated By Exposure: Persons with pre-existing skin, lung, kidney or liver disorders may be at increased risk from exposure to this product.

