

MATERIAL SAFETY DATA SHEET

Oatey

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Uni-Weld Heavy Bodied Gray Extra PVC Solvent Cement
 Revision Date...05/05/00 Date of Issue...05/23/02

SECTION 1 IDENTITY OF MATERIAL

TRADE NAME..... Uni-Weld Heavy Bodied Gray Extra PVC Solvent Cement
 PRODUCT NUMBERS... 1846S, 1836S, 1824, 3936S
 FORMULA..... PVC Resin in Solvent Solution
 SYNONYMS..... PVC Plastic Pipe Cement

SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS NUMBER	SEC. 313
PVC Resin (Non-Hazardous)	10-20%	9002-86-2	No
Tetrahydrofuran (See SECTION 6)	40-55%	109-99-9	No
Methyl Ethyl Ketone	25-40%	78-93-3	Yes
Cyclohexanone	7-12%	108-94-1	No
Amorphous Silica	1-4%	112945-52-5	No
Colorants	<4%	N/A	No

SECTION 3 KNOWN HAZARDS UNDER 29 CFR 1910.1200

HAZARDS	YES	NO	HAZARDS	YES	NO
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	
Carcinogen		x	Liver Toxin	x	
Carcinogen NTP/IARC/OSHA (see SECTION 6)		x			

SECTION 4 REGULATION

CHEMICAL	TLV (TWA)	PEL	STEL	Hazard Action Level
Tetrahydrofuran	200 ppm, 590 mg/cu m	200 ppm, 590 mg/cu m	250 ppm, 735 mg/cu m	N/A
Methyl Ethyl Ketone	200 ppm, 590 mg/cu m	200 ppm, 590 mg/cu m	300 ppm, 885 mg/cu m	N/A
Cyclohexanone	25 ppm, 100 mg/cu m (skin)	50 ppm, 200 mg/cu m	N/A	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.
 TETRAHYDROFURAN WARNING..... The National Toxicology Program has reported that exposure of mice and rats to Tetrahydrofuran (THF) vapor levels up to 1800 ppm 6 hr/day, 5 days/week for their lifetime caused an increased incidence of kidney tumors in male rats and liver tumors in female mice. The significance of these findings for human health are unclear at this time, and may be related to "species specific" effects. Elevated incidences of tumors in humans have not been reported for THF. THF is not listed as a carcinogen by NTP, IARC, or OSHA. One THF vendor has recommended a reduction in the "acceptable exposure limit" from 200 ppm to 25 ppm, 8 and 12 hour time weighted average.
 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.
 ASPIRATION..... May be aspirated into the lungs or cause systemic effects described under inhalation.
 TARGET ORGANS... Eye, Skin, Kidney, Lung, Liver, Central Nervous System

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