6336

## **MATERIAL SAFETY DATA SHEET**

**REC'D MAY 0 2** 2000

**Oatey** 

4700 W. 160TH Street P.O. Box 35906 Cleveland, Ohio 44135 Emergency Tel No. (303) 623-5716 Collect

## OATEY REGULAR CLEAR PVC SOLVENT CEMENT

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Latest Revisi	on Date02/2	29/00 =======	Date	of Issue.	04	4/28/00	
Section 1		IDENTITY	OF MATERIAL		CHMOOOS		
TRADE NAME	OATEY REGULAR CLEAR	DVC SOLVENER CEMEN	im.	#.31013	CHMOOOS	79	
	31012, 31013, 31014			# 21014	CHM001	00	
	PVC Resin in Solven		)				
	PVC Plastic Pipe Cer			#31015	CHM001	01	
	===========			=======		======	
SECTION 2	]	HAZARDOUS I	NGREDIENTS				
INGREDIENTS		%		S NUMBER	SEC 3		
PVC Resin (Non-Hazardous)			10-16% 9002-86		No		
Methyl Ethyl Ketone		45-60%		-93-3	Yes		
Tetrahydrofuran (See SECTION 6)		25-40%		109-99-9		No	
Cyclohexanone			5-10% 108-94-		No		
Acetone		0- 5%	67	-64-1 	No.		
SECTION 3	KNOWN 1	HAZARDS UNI	ER 29 CFR 1	910.1200		<del></del>	
HAZARDS	YES	<u>NO</u>	HAZARDS		YES	NO	
Combustible Liqu		<u>x</u>	Skin Hazard		<u>163</u> X	100	
Flammable Liquid		^	Eye Hazard		×		
Pyrophoric Mater		x	Toxic Agent		×		
Explosive Materi		x	Highly Toxic	Agent		x	
Unstable Materia		x	Sensitizer	5*		×	
Water Reactive M		x	Kidney Toxin		x		
Oxidizer		x	Reproductive		x		
Organic Peroxide	•	x	Blood Toxin			×	
Corrosive Materi	.al	x	Nervous Syst	em Toxin	x		
Compressed Gas		x	Lung Toxin		x		
Irritant	x		Liver Toxin		×		
	TARC/OSHA (see SECTION						
	CARC/OSHA (see SECTION (		ATION	========	=======		
SECTION 4		REGUI	ATION		:========		
SECTION 4	TLV (TWA)	REGUI PEL	The state of the s	STEL	:=== <u></u>	Hazard Action Level	
SECTION 4  CHEMICAL Methyl Ethyl Ket	TLV (TWA)	REGUI PEL um 200	ppm, 590 mg/cu m	300 ppm,	885 mg/cu m	N/A	
SECTION 4  CHEMICAL Methyl Ethyl Ket Tetrahydrofuran	TLV (TWA)  cone 200 ppm, 590 mg/cm 200 ppm, 590 mg/cm	REGUI           u m         200           u m         200	ppm, 590 mg/cu m ppm, 590 mg/cu m	300 ppm, 250 ppm,	885 mg/cu m 735 mg/cu m	N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr	REGUT           u m         200           u m         200           u m         200           u m         50	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m	300 ppm, 250 ppm, N/A	735 mg/cu m	N/A N/A N/A	
SECTION 4  CHEMICAL Methyl Ethyl Ket Tetrahydrofuran	TLV (TWA)  cone 200 ppm, 590 mg/cm 200 ppm, 590 mg/cm	REGUT           u m         200           u m         200           u m         50           u m         50           u m         1000	ppm, 590 mg/cu m ppm, 590 mg/cu m	300 ppm, 250 ppm, N/A 750 ppm,		N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone	TLV (TWA)  Sone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm,1200 mg/cr	REGUI  DEL  DEL  DEL  DEL  DEL  DEL  DEL  DE	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm,2400 mg/cu m	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5	TLV (TWA)  tone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr	REGULATED	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm,2400 mg/cu m  IDENTIFICAT	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPE	TLV (TWA)  Sone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm,1200 mg/cr	REGULATED  REGULATED  REGULATED	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm,2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPF DOT HAZARD CLASS	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr	REGULATED  REGULATED  MER COMMODITY ORM- 3 Flammable Liquis	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm,2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr  PING NAME	REGULATED  REGULATED  MER COMMODITY ORM- 3 Flammable Liquis	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPF DOT HAZARD CLASS SHIPPING ID NUMB EPA HAZARDOUS WA EPA HAZARD WASTE	TLV (TWA)  Sone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm,1200 mg/cr Class  SER	REGUI  DEL COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  TDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE	TLV (TWA)  CONE 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm,1200 mg/cr CONSUM  CLASS EER	REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  able Waste/Toxic W	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm,2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPF DOT HAZARD CLASS SHIPPING ID NUMB EPA HAZARDOUS WA EPA HAZARD WASTE	TLV (TWA)  Sone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm,1200 mg/cr Class  SER	REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  able Waste/Toxic W	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  TDENTIFICAT  D; For gallons: Adh	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr  FING NAME	REGUI  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  able Waste/Toxic W	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT: -D; For gallons: Adh id  Naste	300 ppm, 250 ppm, N/A 750 ppm,	735 mg/cu m 1800 mg/cu m	N/A N/A N/A	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE	TLV (TWA)  CONE 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr CONSUITS CLASS CLASS IGHT INHALE/YES INGEST/YES	REGUI  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 33 Flammable Liqui 33 (Gallons Only)  Belle Waste/Toxic W  EFFECTS  S SKIN/YES EYE/Y	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  TDENTIFICAT D; For gallons: Adh id  Vaste  OF EXPOSURE	300 ppm, 250 ppm, N/A 750 ppm, ION esives, 3, UN113	735 mg/cu m 1800 mg/cu m ====================================	N/A N/A N/A N/A =========	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE	TLV (TWA)  CONE 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class ER UN 11: CLASS Ignit: CLASS Ignit: CLASS INGEST/YE: May cause irritation of	REGUI  DEL  DEL  DEL  DEL  DEL  DEL  DEL  DE	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT: D; For gallons: Adh id  OF EXPOSURE  (ES es, nose & throat, h	300 ppm, 250 ppm, N/A 750 ppm,  ION esives, 3, UN113	735 mg/cu m  1800 mg/cu m  33, PG II	N/A N/A N/A N/A ========================	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class Class ER. UN 11: STE ID NUMBER. D-001 CLASS. Ignit: INHALE/YES INGEST/YES May cause irritation of extremities and narcos	REGUI  De m 200  De m 200  De m 200  De m (skin) 50  De m 1000  REGULATED  MER COMMODITY ORM- 33 Flammable Liqui 33 (Gallons Only)  Debug Meste/Toxic Weste/Toxic	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh id  Vaste  OF EXPOSURE  (ES es, nose & throat, h ntrations. Has cause	300 ppm, 250 ppm, N/A 750 ppm,  TON esives, 3, UN113	735 mg/cu m  1800 mg/cu m  33, PG II	N/A N/A N/A N/A ========================	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class Class ER. UN 11: STE ID NUMBER. D-001 CCLASS. Ignit: INHALE/YES INGEST/YES May cause irritation of extremities and narcon concentrations have concentrations have concentrations.	REGUI  DE LA ME 200  DE ME 200  D	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 290 mg/cu m ppm, 2400 mg/cu m Ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT: D; For gallons: Adh id  Waste OF EXPOSURE  WES es, nose & throat, h atrations. Has cause of fetal developmen	300 ppm, 250 ppm, N/A 750 ppm, ION esives, 3, UN113 eadache, dizzine d CNS depression t in rats.	735 mg/cu m  1800 mg/cu m  1803, PG II  23, PG II  25, nausea, nu  1 & liver damage	N/A N/A N/A N/A ========================	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class Class ER. UN 11: STE ID NUMBER. D-001 CLASS. Ignita INHALE/YES INGEST/YE: May cause irritation of extremities and narcocconcentrations have concentrations have controlled.	REGUI  DEL DE MER COMMODITY ORM-  3 Flammable Liqui 33 (Gallons Only)  able Waste/Toxic W  EFFECTS  S SKIN/YES EYE/Y  of mucous membranes sis in high concert aused retardation  BY Program has reg	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 290 mg/cu m ppm, 2400 mg/cu m ppm,2400 mg/cu m  IDENTIFICAT: -D; For gallons: Adh id  Waste OF EXPOSURE  WES es, nose & throat, h attrations. Has cause of fetal developmen ported that exposure	a300 ppm, 250 ppm, N/A 750 ppm,  ION esives, 3, UN113 eadache, dizzined CNS depressiont t in rats. of mice and rat	735 mg/cu m  1800 mg/cu m  33, PG II  25, nausea, num  a & liver damages  25 to Tetrahydra	N/A N/A N/A N/A N/A  mbness of the e in animals, & high ofuran (THF) vapor	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class  Class ER. UN 11: STE ID NUMBER. D-001 CLASS. Ignite  INHALE/YES INGEST/YE: May cause irritation of extremities and narcos concentrations have ca The National Toxicolog levels up to 1800 ppm	REGUI  De m 200  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 36 (Gallons Only)  De model Waste/Toxic W  EFFECTS  S SKIN/YES EYE/Y  De mucous membrane sin high concer  aused retardation many Program has reg 6 hr/day, 5 days/	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  TDENTIFICAT D; For gallons: Adh id  Waste  OF EXPOSURE  (ES es, nose & throat, h thrations. Has cause of fetal developmen corted that exposure (week for their life	a300 ppm, 250 ppm, N/A 750 ppm, ION esives, 3, UN113 eadache, dizzine d CNS depression t in rats. of mice and rat	735 mg/cu m  1800 mg/cu m  133, PG II  23, PG II  25, nausea, num 16 liver damage 25 to Tetrahydrancreased incide	N/A N/A N/A N/A N/A  N/A  The second of the	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class Class EER. UN 11: STE ID NUMBER. D-001 CLASS. Ignit:  INHALE/YES INGEST/YES May cause irritation of extremities and narcos concentrations have concentrations have concentrational toxicolog levels up to 1800 ppm in male rats and lives	REGUI  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  Belle Waste/Toxic W  EFFECTS  S SKIN/YES EYE/Y  Def mucous membrane sis in high concer aused retardation  The program has reg 6 hr/day, 5 days, 8 tumors in female	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh id  Waste  OF EXPOSURE  (ES es, nose & throat, h attrations. Has cause of fetal developmen corted that exposure week for their life emice. The signifi	a300 ppm, 250 ppm, N/A 750 ppm, ION esives, 3, UN113 eadache, dizzine d CNS depression t in rats. of mice and rat time caused an icance of these f	735 mg/cu m  1800 mg/cu m  133, PG II  255, nausea, num 18 liver damage 25 to Tetrahydr 26 incides for hum 27 mg/cu m  28 mg/cu m  29 mg/cu m  20 mg/cu m  20 mg/cu m  20 mg/cu m  20 mg/cu m  21 mg/cu m  22 mg/cu m  23 mg/cu m  24 mg/cu m  25 mg/cu m  26 mg/cu m  26 mg/cu m  27 mg/cu m  28 mg/cu m  29 mg/cu m  29 mg/cu m  20 mg/c	N/A N/A N/A N/A N/A N/A  mbness of the e in animals, & high ofuran (THF) vapor ence of kidney tumors man health are	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  Cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class CLass ER. UN 11: STE ID NUMBER. D-001 CLASS. Ignit:  INHALE/YES INGEST/YE: May cause irritation of extremities and narcos concentrations have cr The National Toxicolog levels up to 1800 ppm in male rats and lives unclear at this time,	REGUI  DEL  DEL  DEL  DEL  DEL  DEL  DEL  DE	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT: D; For gallons: Adh id  Waste  OF EXPOSURE  (ES es, nose & throat, h ntrations. Has cause of fetal developmen corted that exposure (week for their life es mice. The signifi ed to "species speci	a300 ppm, 250 ppm, N/A 750 ppm, TON esives, 3, UN113 eadache, dizzine d CNS depression t in rats. of mice and rat time caused an i cance of these f fic" effects. F	735 mg/cu m  1800 mg/cu m  1800 mg/cu m  33, PG II  25, nausea, num  26 liver damage  27 sto Tetrahydre  28 ncreased incide  38 indings for hum  38 liverted incide  39 sto Marchanic for hum  30 sto Marchanic for hum  31 sto Marchanic for hum  32 sto Marchanic for hum  33 sto Marchanic for hum  34 sto Marchanic for hum  35 sto Marchanic for hum  36 sto Marchanic for hum  37 sto Marchanic for hum  38 sto Marchanic for hum  38 sto Marchanic for hum  39 sto Marchanic for hum  30 sto Marchanic for hum  30 sto Marchanic for hum  31 sto Marchanic for hum  32 sto Marchanic for hum  33 sto Marchanic for hum  34 sto Marchanic for hum  35 sto Marchanic for hum  36 sto Marchanic for hum  36 sto Marchanic for hum  37 sto Marchanic for hum  38 sto Marchanic for hum  38 sto Marchanic for hum  38 sto Marchanic for hum  39 sto Marchanic for hum  30 sto Marchanic for hum  30 sto Marchanic for hum  31 sto Marchanic for hum  31 sto Marchanic for hum  32 sto Marchanic for hum  33 sto Marchanic for hum  34 sto Marchanic for hum  35 sto Marchanic for hum  36 sto Marchanic for hum  37 sto Marchanic for hum  38 sto Ma	N/A N/A N/A N/A N/A N/A  mbness of the e in animals, & high ofuran (THF) vapor ence of kidney tumors man health are nces of tumors	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class Class ER. UN 11: STE ID NUMBER. D-001 CCLASS. Ignit: INHALE/YES INGEST/YE: May cause irritation of extremities and narcon concentrations have concentrations have concentrational Toxicolog levels up to 1800 ppm in male rats and liver unclear at this time, in humans have not bee	REGUI  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  De man 200  De m 1000  REGULATED  MER COMMODITY ORM- 3 Flammable Liqui 33 (Gallons Only)  De mucous membrane sis in high concer aused retardation gy Program has reg 6 hr/day, 5 days, 7 tumors in female and may be relate and may be relate and reported for The	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT:  D; For gallons: Adh id  Waste  OF EXPOSURE  (ES es, nose & throat, h ntrations. Has cause of fetal developmen ported that exposure (week for their life e mice. The signifi ed to "species speci ef. THF is not list	a300 ppm, 250 ppm, N/A 750 ppm, TON esives, 3, UN113 eadache, dizzine d CNS depression t in rats. of mice and rat time caused an i cance of these f fic" effects. F ed as a carcinog	735 mg/cu m  1800 mg/cu m  1800 mg/cu m  13, PG II  13, PG II  14 a liver damage  15 to Tetrahydrancreased incide  16 indings for hur  16 levated incide  17 pm byNTP, IARC	N/A N/A N/A N/A N/A N/A  The second of the expectation of the continuous of the expectation of the expectation of the continuous of the expectation of the continuous of the expectation of the continuous of the	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION	TLV (TWA)  Cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class CLass ER. UN 11: STE ID NUMBER. D-001 CLASS. Ignit:  INHALE/YES INGEST/YE: May cause irritation of extremities and narcos concentrations have cr The National Toxicolog levels up to 1800 ppm in male rats and lives unclear at this time,	REGUI  De m 200  De m 200  De m 200  De m (skin) 50  De m 1000  REGULATED  MER COMMODITY ORM- 33 (Gallons Only)  De manual Commodity  REFECTS  De se skin/yes Eye/yes  De mucous membrane  De manual Commodity  De manual C	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 200 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT:  D; For gallons: Adh id  Waste  OF EXPOSURE  (ES es, nose & throat, h ntrations. Has cause of fetal developmen ported that exposure (week for their life e mice. The signifi ed to "species speci ef. THF is not list	a300 ppm, 250 ppm, N/A 750 ppm, TON esives, 3, UN113 eadache, dizzine d CNS depression t in rats. of mice and rat time caused an i cance of these f fic" effects. F ed as a carcinog	735 mg/cu m  1800 mg/cu m  1800 mg/cu m  13, PG II  13, PG II  14 a liver damage  15 to Tetrahydrancreased incide  16 indings for hur  16 levated incide  17 pm byNTP, IARC	N/A N/A N/A N/A N/A N/A  The second of the expectation of the continuous of the expectation of the expectation of the continuous of the expectation of the continuous of the expectation of the continuous of the	
CHEMICAL Methyl Ethyl Ket Tetrahydrofuran Cyclohexanone Acetone SECTION 5 DOT PROPER SHIPP DOT HAZARD CLASS SHIPPING ID NUME EPA HAZARDOUS WA EPA HAZARD WASTE SECTION 6 ENTRY ROUTE INHALATION TETRAHYDROFURAN WARNING	TLV (TWA)  cone 200 ppm, 590 mg/cr 200 ppm, 590 mg/cr 25 ppm, 100 mg/cr 500 ppm, 1200 mg/cr Class  FING NAME	REGUI  De m 200  De m 200  De m 200  De m 200  De m 1000  REGULATED  MER COMMODITY ORM-  3 Flammable Liqui  33 (Gallons Only)  De manuel Common Company  Program has regue to hard and may be related and may be related en reported for The commended a reductighted average.	ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 590 mg/cu m ppm, 2400 mg/cu m ppm, 2400 mg/cu m  IDENTIFICAT  D; For gallons: Adh id  Saste  OF EXPOSURE  (ES es, nose & throat, h thrations. Has cause of fetal developmen ported that exposure (week for their life e mice. The signifi ed to "species speci if. THF is not list ion in the "accepta	a300 ppm, 250 ppm, N/A 750 ppm, EION esives, 3, UN113 esives, 3, UN113 esives and rational cance of these fice effects. Fed as a carcinogoble exposure lim	735 mg/cu m  1800 mg/cu m  1800 mg/cu m  183, PG II  183, PG II  185, nausea, num  18 liver damage  18 to Tetrahydrancreased incide  18 incidence by TP, TARC	N/A N/A N/A N/A N/A N/A N/A  mbness of the e in animals, & high ofuran (THF) vapor ence of kidney tumors man health are nces of tumors , or OSHA. pm to 25 ppm,	
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## OATEY REGULAR CLEAR PVC SOLVENT CEMENT

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 151 Degrees F / 66 C
MELTING POINT
VAPOR PRESSURE 145 mmHg @ 20 Degrees C VAPOR DENSITY (AIR = 1) 2.5
VOLATILE COMPONENTS 88 +/- 2% wt. SOLUBILITY IN WATER Negligible
PH
SPECIFIC GRAVITY 0.89 +/- 0.015 EVAPORATION RATE (BUAC = 1) = 5.5 - 8.0
APPEARANCEClear Liquid ODOREther-Like
WILL DISSOLVE IN Tetrahydrofuran
MATERIAL IS Liquid _====================================
SECTION 9 FIRE AND EXPLOSION HAZARD DATA
FLAMMABILITY LEL =1.8 UEL= 11.8 % Volume
FLASHPOINT AND METHOD USED 0 - 5 Degrees F. / PMCC STABILITY
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
that explosive concentrations of solvent vapors are not exposed to electrical fixtures or hot surfaces.  PRECAUTIONS
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

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.