

SAFETY DATA SHEET

1. Identification		
Product identifier	Oatey All Purpose Milky Clear Cement	
Other means of identification		
Product code	1106E	
Synonyms	Part Numbers: 30818, 30821, 30834, 30847, 30847L, 3	30848, 31650, 31651, 32208, 32209
Recommended use	Joining PVC, CPVC, or ABS Pipe	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier	/Distributor information	
Company Name	Oatey Inc.	
Address	4700 West 160th Street	
	Cleveland, OH 44135	
Telephone	216-267-7100	
E-mail	info@oatey.com	
Transport Emergency	Chemtrec 1-800-424-9300 (Outside the US 1-703-527-	-3887)
Emergency First Aid	1-877-740-5015	
Contact person	MSDS Coordinator	
2. Hazard(s) identification		
Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
OSHA defined hazards	Not Classified	
Label elements		
Signal word	Danger	
Hazard statement	Highly flammable liquid and vapor. Harmful if swallow airways. Causes skin irritation. Causes serious eye in May cause drowsiness or dizziness.	
Precautionary statement		
Prevention Response	Keep away from heat/sparks/open flames/hot surface closed. Ground/bond container and receiving equipm electrical/ventilating/lighting equipment. Use only non measures against static discharge. Avoid breathing m handling. Do not eat, drink or smoke when using this ventilated area. Wear protective gloves/protective clor If swallowed: Immediately call a poison center/doctor. contaminated clothing. Rinse skin with water/shower.	ent. Use explosion-proof -sparking tools. Take precautionary hist or vapor. Wash thoroughly after product. Use only outdoors or in a well- thing/eye protection/face protection. . If on skin (or hair): Take off immediately all
	keep comfortable for breathing. If in eyes: Rinse cauti	

Storage Disposal	Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May form explosive peroxides. Contains a chemical classified by the US EPA as a suspected possible carcinogen.

3. Composition/information on ingredients

Mixtures

25068-38-6	30-45
	50 45
67-64-1	10-20
108-94-1	10-20
78-93-3	8-18
9002-86-2	8-18
68648-82-8	3-7
112945-52-5	1-5
-	108-94-1 78-93-3 9002-86-2 68648-82-8

*Designates that a specific chemical identity and or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.
Most important	Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Severe
symptoms/effects, acute and delayed	eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Skin irritation. May cause redness and pain.
Indication of immediate medical	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with
attention and special treatment	water immediately. While flushing, remove clothes which do not adhere to affected area. Call an
Needed	ambulance. Continue flushing during transport to hospital. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor. This product contains tetrahydrofuran that may form explosive organic peroxide when exposed to air or light or with age.

6. Accidental release measures

v. Accidental release meas	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.
	Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original container for reuse. For waste disposal, see sect. 13 of the SDS.
Environmental precautions 7. Handling and storage	Avoid discharge into drains, water courses or onto the ground.
Precautions for safe handling	Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
8 Exposure controls/perso	nal protection

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Туре	Value	
Polyvinyl chloride (CAS 9002-86-2)	STEL	5 ppm	
	TWA	1 ppm	

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Туре	Value FORM
Polyvinyl chloride (CAS 9002-86-2)	PEL	5 ppm Respirable fraction.
		15 mg/m3 Total dust.
Acetone (CAS 67-64-1)	PEL	2400 mg/m3
		1000 ppm
Cyclohexanone (CAS 108-94-1)	PEL	200 mg/m3
		50 ppm
Furan, Tetrahydro- (CAS 109-99-9)	PEL	590 mg/m3
		200ppm
Methyl ethyl ketone (CAS 78-93-3)	PEL	590 mg/m3

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Туре	Value
Silica, amorphous, fumed (CAS 112945-52-5)	TWA	0.8 mg/m3
		20 mppcf

US. ACGIH Threshold Limit Values

Components	Туре	Value FORM
Polyvinyl chloride (CAS 9002-86-2)	TWA	1 mg/m3 Respirable fraction.
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm
Furan, Tetrahydro- (CAS 109-99-9)	STEL	100 ppm
	TWA	50 ppm
Methyl ethyl ketone (CAS 78-93-3)	STEL	300 ppm
	TWA	200 ppm
US. NIOSH: Pocket Guide to Chemical H	azards	
Components	Туре	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m3
		250 ppm
Cyclohexanone (CAS 108-94-1)	TWA	100 mg/m3
		25 ppm
Furan, Tetrahydro- (CAS 109-99-9)	STEL	735 mg/m3
		250 ppm
	TWA	590 mg/m3
		200 ppm
Methyl ethyl ketone (CAS 78-93-3)	STEL	885 mg/m3
		300 ppm
	TWA	590 mg/m3
		200 ppm
crystalline silica non-respirable	TWA	6 mg/m3

(CAS 14808-60-7)

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Cyclohexanone (CAS 108-94-1)	80 mg/l 8 mg/l	1,2-Cyclohexanediol, with hydrolysis	Urine	*
Furan, Tetrahydro- (CAS 109-99-9)	2 mg/l	Cyclohexanol, with hydrolysis Tetrahydrofuran	Urine	*
Methyl ethyl ketone (CAS 78-93-3)	2 mg/l	MEK	Urine	*

Can be absorbed through the skin.

Exposure guidelines

US - California OELs: Skin designation

Cyclohexanone (CAS 108-94-1)

US - Minnesota Haz Subs: Ski	n designation applies	
Cyclohexanone (CAS 108-94-1)		Skin designation applies.
US - Tennessee OELs: Skin de		
Cyclohexanone (CAS 108-94	I-1)	Can be absorbed through the skin.
US ACGIH Threshold Limit Va	lues: Skin designation	
Cyclohexanone (CAS 108-94		Can be absorbed through the skin.
Tetrahydrofuran (CAS 109-9		Can be absorbed through the skin.
US. NIOSH: Pocket Guide to C		
Cyclohexanone (CAS 108-94-1)		Can be absorbed through the skin.
Eye/face protection	 Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls maintain airborne levels below recommended exposure limits. If exposure limits have not be established, maintain airborne levels to an acceptable level. Eye wash facilities and emerge shower must be available when handling this product. s, such as personal protective equipment Face shield is recommended. Wear safety glasses with side shields (or goggles). 	
Skin protection		
Hand	Wear appropriate chemical resistant gloves.	
Other	Wear appropriate chemical resistant clothing.	
Respiratory protection Thermal hazards	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, suc as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

9. Physical and chemical properties

Appearance	
Physical state	Liquid
Form	Liquid
Color	Clear, milky
Odor	Solvent
Odor threshold	Not available.
pH	Not Applicable
Melting point/freezing point	Not available.
Initial boiling point and boiling	151 °F (66.11 °C)
range	
Flash point	14.0 - 23.0 °F (-10.05.0 °C)
Evaporation rate	5.5 – 8
Upper/lower flammability or explo	sive limits
Flammability limit – lower (%)	1.8
Flammability limit – upper (%)	11.8
Explosive limit - lower (%)	Not Available
Explosive limit - upper (%)	Not Available
Vapor pressure	145 mmHg @ 20 C
Vapor density	2.5
Relative density	0.94 +/- 0.02
Solubility(ies)	
Solubility (water)	Negligible
Partition coefficient	
(n-octanol/water)	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	>150°C (>302°F)
Viscosity	Not Available
Other information	
Bulk Density	7.8 lb/gal
VOC (Weight %)	317 g/L SCAQMD 1168/M316A

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reaction	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Ammonia. Amines. Isocyanates. Caustics.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of e	exposure
Inhalation	May be fatal if swallowed and enters airways. Headache. Nausea, vomiting. May cause irritation to the respiratory system. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	May be fatal if swallowed and enters airways. Harmful if swallowed. Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Information on likely routes of exposure Acute Toxicity

Components	Species	Results
Acetone (CAS 67-64-1)	· · · · · · · · · · · · · · · · · · ·	
Acute		
Dermal		
LD50	Rabbit	20 ml/kg
Inhalation		
LC50	Rat	50 mg/l, 8 hours
Oral		
LD50	Rat	58000 mg/kg
Cyclohexanone (108-94-1)		
Acute		
Dermal		
LD50	Rabbit	948 mg/kg
Inhalation		
LC50	Rat	8000 ppm, 4 hours
Oral		
LD50	Rat	1540 mg/kg
*Estimates for product may be base	d on additional component data not	shown.

Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye Causes serious eye irritation. irritation Respiratory or skin sensitization **Respiratory sensitization** Not available. Skin sensitization This product is not expected to cause skin sensitization. Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Carcinogenicity In 2012 USEPA Integrated Risk Information System (IRIS) reviewed a two species inhalation lifetime study on THF conducted by NTP (1998). Male rats developed renal tumors and female mice developed liver tumors while neither the female rats nor the male mice showed similar results. Because the carcinogenic mechanisms could not be identified clearly in either species for either tumor, the EPA determined that the male rat and female mouse findings are relevant to the assessment of carcinogenic potential in humans. Therefore, the IRIS review concludes that

these data in aggregate indicate that there is "suggestive evidence of carcinogenic potential" following exposure to THF by all routes of exposure.

	following exposure to THF by all		vidence of carcinogenic potential	
IARC Mongraphs. Overall	Evaluation of Carcingenicity	routes of exposure.		
Cyclohexanone (CAS 108		3 Not classifiable as to	carcinogenicity to humans.	
Polyvinyl chloride (CAS 9	002-86-2)	3 Not classifiable as to	carcinogenicity to humans.	
Silica, amorphous, fumed			carcinogenicity to humans.	
	ted Substances (29 CFR 1910.10	-		
Polyvinyl chloride (CAS 9	002-86-2)	Cancer		
Reproductive toxicity	This product is not expected to c	ause reproductive or deve	lopmental effects.	
Specific target organ toxicity				
Single exposure		Narcotic effects. May cause drowsiness and dizziness. Respiratory tract irritation.		
Repeated exposure	Not Classified.			
Aspiration Hazard	May be fatal if swallowed and enters airways.			
Chronic effects	Prolonged inhalation may be harmful.			
Further information	None noted.			
12. Ecological information				
Ecotoxicity	The product is not classified as	environmentally hazardous	s. However, this does not	
-	exclude the			
	possibility that large or frequent environment.	spills can have a harmful	or damaging effect on the	
Components	Species		Results	
Acetone (CAS 67-64-1)				
Aquatic Fish – LC 50	Eathood minnow	(Pimephales promelas)	>100 mg/l, 96 hours	
Cyclohexanone (108-94-1)	Fathead mininow	(Fimephales prometas)		
Aquatic				
Fish – LC 50	Fathead minnow	(Pimephales promelas)	481-578 mg/l, 96 hours	
			101 01 0 mg/l, 00 mouro	
Persistence and degradability				
	No data is available on the degr No data is available.			
Bio accumulative potential	No data is available on the degr No data is available.			
	No data is available on the degr No data is available.			
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1)	No data is available on the degr No data is available. water (log Kow) -0.24 0.81			
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99-	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46			
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29			
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available	adability of this product		
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta	adability of this product I effects (e.g. ozone deple	tion, photochemical ozone	
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Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil Other adverse effects 13. Disposal considerations	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta creation potential, endocrine dis this component. Collect and reclaim or dispose in and its container must be dispose	adability of this product I effects (e.g. ozone depler ruption, global warming po sealed containers at licen ed of as hazardous waste.	tion, photochemical ozone otential) are expected from sed waste disposal site. This material Do not allow this material to drain	
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil Other adverse effects 13. Disposal considerations	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta creation potential, endocrine dis this component. Collect and reclaim or dispose in and its container must be dispose into sewers/water supplies. Do n	adability of this product I effects (e.g. ozone depler sruption, global warming po sealed containers at licen ed of as hazardous waste. ot contaminate ponds, wat	tion, photochemical ozone otential) are expected from sed waste disposal site. This material Do not allow this material to drain erways or ditches with chemical or	
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Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil Other adverse effects 13. Disposal considerations Disposal instructions	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta creation potential, endocrine dis this component. Collect and reclaim or dispose in and its container must be dispose into sewers/water supplies. Do n used container. Dispose of conte international regulations. Dispose in accordance with all approximations.	adability of this product I effects (e.g. ozone deplet sruption, global warming po ed of as hazardous waste. ot contaminate ponds, wat ents/container in accordance oplicable regulations.	tion, photochemical ozone otential) are expected from sed waste disposal site. This material Do not allow this material to drain erways or ditches with chemical or	
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Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil Other adverse effects 13. Disposal considerations Disposal instructions Local disposal regulations Hazardous waste code Waste from residues / unused	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta creation potential, endocrine dis this component. Collect and reclaim or dispose in and its container must be dispose into sewers/water supplies. Do n used container. Dispose of conte international regulations. Dispose in accordance with all ap The waste code should be assign disposal company. Dispose of in accordance with loo product residues. This material a Disposal instructions). Empty containers should be take	adability of this product I effects (e.g. ozone deplet sruption, global warming po sealed containers at licen ed of as hazardous waste. ot contaminate ponds, wat ints/container in accordance oplicable regulations. ned in discussion between cal regulations. Empty con ind its container must be d in to an approved waste ha	tion, photochemical ozone otential) are expected from sed waste disposal site. This material Do not allow this material to drain erways or ditches with chemical or ce with local, regional, national or the user, the producer and the waste tainers or liners may retain some isposed of in a safe manner (see: andling site for recycling or disposal.	
Bio accumulative potential Partition coefficient n-octanol / Acetone (CAS 67-64-1) Cyclohexanone (CAS 108-94-1) Furan, Tetrahydro- (CAS 109-99- Methyl ethyl ketone (CAS 78-93-3 Mobility in soil Other adverse effects 13. Disposal considerations Disposal instructions Local disposal regulations Hazardous waste code Waste from residues / unused products	No data is available on the degr No data is available. water (log Kow) -0.24 0.81 9) 0.46 3) 0.29 Not available No other adverse environmenta creation potential, endocrine dis this component. Collect and reclaim or dispose in and its container must be dispose into sewers/water supplies. Do n used container. Dispose of conte international regulations. Dispose in accordance with all ap The waste code should be assign disposal company. Dispose of in accordance with loo product residues. This material a Disposal instructions). Empty containers should be take	adability of this product I effects (e.g. ozone deplet sruption, global warming po sealed containers at licen ed of as hazardous waste. ot contaminate ponds, wat ints/container in accordance oplicable regulations. ned in discussion between cal regulations. Empty con ind its container must be d in to an approved waste ha	tion, photochemical ozone otential) are expected from sed waste disposal site. This material Do not allow this material to drain erways or ditches with chemical or se with local, regional, national or the user, the producer and the waste tainers or liners may retain some isposed of in a safe manner (see:	

14. Transportation information

DOT			
UN number	UN1133		
UN Proper Shipping Name	Adhesives		
Transport Hazard class(es)	,		
Class	3		
Subsidiary risk	- 3		
Label(s)	°		
Packing group	II		
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.		
Special provisions	149, B52, IB2, T4, TP1, TP8		
Packaging exceptions	150		
Packaging non bulk	173		
Packaging bulk	242		
ΙΑΤΑ			
UN number	UN 1133		
UN Proper Shipping Name	Adhesives		
Transport hazard class(es)			
Class	3		
Subsidiary risk			
Packing group			
Environmental hazards	No.		
ERG Code	3L		
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.		
IMDG			
UN number	UN 1133		
UN Proper Shipping Name	ADHESIVES		
Transport hazard class(es)			
Class	3		
Subsidiary risk			
Packing group	II		
Environmental hazards			
Marine polluntant	No.		
EmS	F-E, S-DL		
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.		
Transport in bulk according to. Annex II of MARPOL 73/78 and the IBC Code	Not available.		
15. Regulatory information	1		
U.S. Federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication		
	Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.		
TSCA Section 12(b) Exp Not Regulated	ort Notification (40 CFR 707, Subpt. D)		
OSHA Specifically Regu	lated Substances (29 CFR 1910.1001-1050)		
Polyvinyl chloride	e (CAS 9002-86-2) Cancer		
	Central nervous system Liver		
	Blood		
	Flammability		
Oatev All Purpose Milky Clear			

CERCLA Hazardous Substance List (40 CFR 302.4)
Acetone (CAS 67-64-1)	LISTED
Cyclohexanone (CAS 108-94-1)	LISTED
Furan, Tetrahydro- (CAS 109-99-9)	LISTED
Methyl ethyl ketone (CAS 78-93-3)	LISTED
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories Immediate Hazard - Yes	
Delayed Hazard - No	
Fire Hazard - Yes	
Pressure Hazard - No	
Reactivity Hazard – No	
SARA 302 Extremely hazardous substance	
Not Listed	
SARA 311/312 Hazardous chemical	
No	
SARA 313 (TRI reporting)	
Not regulated.	
Other federal regulations	
Clean Air Act (CAA) Section 112 Hazardous Air Po	Ilutants (HAPs) List
Not regulated.	
Clean Air Act (CAA) Section 112(r) Accidental Rele	ease Prevention (40 CFR 68.130)
Not regulated.	
Safe Drinking Water Act (SDWA)	
Not regulated.	
	ssential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and
Chemical Code Number	
Acetone (CAS 67-64-1)	6532
Methyl ethyl ketone (CAS 78-93-3)	6714 2 Exampt Chamical Mixtures (21 CEB 4240 42(a))
Drug Enforcement Administration (DEA). List 1 & 3	
Acetone (CAS 67-64-1)	35 %WV
Methyl ethyl ketone (CAS 78-93-3)	35 %WV
DEA Exempt Chemical Mixtures Code Number	6530
Acetone (CAS 67-64-1) Methyl ethyl ketone (CAS 78-93-3)	6532 6714
Metry etry kelone (CAS 76-93-3)	0714
US state regulations	
US. Massachusetts RTK - Substance List	
Acetone (CAS 67-64-1)	
Cyclohexanone (CAS 108-94-1)	
Furan, Tetrahydro- (CAS 109-99-9)	
Methyl ethyl ketone (CAS 78-93-3)	
Silica, amorphous, fumed (CAS 112945-52-5	5)
US. New Jersey Worker and Community Right-to-I	
Acetone (CAS 67-64-1)	
Cyclohexanone (CAS 108-94-1)	
Furan, Tetrahydro- (CAS 109-99-9)	
Methyl ethyl ketone (CAS 78-93-3)	
Polyvinyl chloride (CAS 9002-86-2)	
US. Pennsylvania Worker and Community Right-to	o-Know Law
Acetone (CAS 67-64-1)	
Cyclohexanone (CAS 108-94-1)	
Furan, Tetrahydro- (CAS 109-99-9)	
Methyl ethyl ketone (CAS 78-93-3)	
Silica, amorphous, fumed (CAS 112945-52-5	5)
US. Rhode Island RTK	
Acetone (CAS 67-64-1)	
Cyclohexanone (CAS 108-94-1)	
Furan, Tetrahydro- (CAS 109-99-9)	
Methyl ethyl ketone (CAS 78-93-3)	
US. California Proposition 65	
	forcement Act of 1986 (Proposition 65): This material is not known to
contain any chemicals currently listed as car	cinogens or reproductive toxins.

Disclaimer

Inventory name Domestic Substances List (DSL) Toxic Substances Control Act (TSCA) Inventory On inventory (yes/no)* Yes No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue Date	05-27-2015
Revision Date	-
Version #	01
HMIS Rating	Health: 2 Flammability: 3 Physical Hazards: 0
NFPA ratings	

HCC Holdings Inc. an Oatey Affiliate cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.