

# SAFETY DATA SHEET

# 1 Idontification

1. Identification				
Product identifier	HERCULES PVC Cement Clear Medium Bo	dy, Medium Set		
Other means of identification				
Product code	MSDS #92			
Synonyms	Part Numbers: 60003, 60013, 60015, 60020, 6 60015E, 60020E, 60025E	60025 Export Part Numbers: 60003E, 60013E,		
Recommended use	Joining PVC Pipes			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplier/	Distributor information			
Company Name Address	HCC Holdings, Inc. an Oatey Affiliate 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 U	S 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 Skin corrosion/irritation Serious eye damage/eye irritation Specific target organ toxicity, single exposure Specific target organ toxicity, single exposure Aspiration hazard			
OSHA defined hazards	Not classified.			
Label elements				
Signal word	Danger			
Hazard statement		swallowed. May be fatal if swallowed and enters s eye irritation. May cause respiratory irritation. May		
Precautionary statement				
Prevention	Keep away from heat/sparks/open flames/hot closed. Ground/bond container and receiving e electrical/ventilating/lighting equipment. Use o measures against static discharge. Avoid breat handling. Do not eat, drink or smoke when usi	nly non-sparking tools. Take precautionary athing mist or vapor. Wash thoroughly after		

handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response	If swallowed: Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. 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.
Storage	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
Disposal	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.

### Supplemental information

Not applicable.

## 3. Composition/information on ingredients

**Mixtures** 

Chemical name	CAS number	%
Furan, Tetrahydro-	109-99-9	40-60
Methyl ethyl ketone	78-93-3	10-25
Polyvinyl chloride	9002-86-2	10-20
Acetone	67-64-1	7-15
Cyclohexanone	108-94-1	5-15
Silica, amorphous, fumed	112945-52-5	1-5

\*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 symptoms/effects, acute and delayed	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. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an 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 mea	sures
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 containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
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/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 Table Z-1 Limits for A	ir Contaminants (29 CFR 1910.	1000)
Components	Туре	Value Form
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
,		200 ppm
Methyl ethyl ketone (CAS 78-93-3)	PEL	590 mg/m3

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components		Туре			Value	Form
					200 ppm	
Polyvinyl chloride (CAS 9002-86-2)		PEL			5 mg/m3	Respirable fraction.
US. OSHA Table Z-3 (29	CER 1910 1000)				15 mg/m3	Total dust.
Components	011(1910.1000)				Value	
-		Туре			Value	
Silica, amorphous, fumed (CAS 112945-52-5)		TWA			0.8 mg/m3	
US. ACGIH Threshold Li	mit Values				20 mppcf	
Components		Туре			Value	Form
Acetone (CAS 67-64-1)		STEL			750 ppm	
		TWA			500 ppm	
Cyclohexanone (CAS		STEL			50 ppm	
108-94-1)		UILL				
		TWA			20 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	
Polyvinyl chloride (CAS 9002-86-2)		TWA			1 mg/m3	Respirable fraction.
US. NIOSH: Pocket Guid	e to Chemical H	lazards				
Components		Туре			Value	
Acetone (CAS 67-64-1)		TWA			590 mg/m3	
					250 ppm	
Cyclohexanone (CAS 108-94-1)		TWA			100 mg/m3	
		0751			25 ppm	
Furan, Tetrahydro- (CAS 109-99-9)		STEL			735 mg/m3	
					250 ppm	
		TWA			590 mg/m3	
		a			200 ppm	
Methyl ethyl ketone (CAS 78-93-3)		STEL			885 mg/m3	
					300 ppm	
		TWA			590 mg/m3	
		_			200 ppm	
Silica, amorphous, fumed (CAS 112945-52-5)		TWA			6 mg/m3	
ogical limit values						
ACGIH Biological Expos	ure Indices					
Components	Value		Determinant	Specimen	Sampling Time	9
Acetone (CAS 67-64-1)	50 mg/l		Acetone	Urine	*	
Cyclohexanone (CAS 108-94-1)	80 mg/l		1,2-Cyclohexan ediol, with hydrolysis	Urine	*	

hydrolysis Cyclohexanol, with hydrolysis

Urine

\*

8 mg/l

#### **ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Furan, Tetrahydro- (CAS 109-99-9)	2 mg/l	Tetrahydrofura n	Urine	*
Methyl ethyl ketone (CAS 78-93-3)	2 mg/l	MEK	Urine	*
* - For sampling details, ple	ease see the source	document.		
Exposure guidelines				
US - California OELs: Ski	n designation			
Cyclohexanone (CAS	,		absorbed thro	ugh the skin.
US - Minnesota Haz Subs	: Skin designation	applies		
Cyclohexanone (CAS US - Tennessee OELs: SI		Skin de	esignation appli	es.
Cyclohexanone (CAS US ACGIH Threshold Lim	,		absorbed thro	ugh the skin.
Cyclohexanone (CAS Furan, Tetrahydro- (C/ <b>US. NIOSH: Pocket Guide</b>	AS 109-99-9)	Can be	e absorbed thro e absorbed thro	
Cyclohexanone (CAS	108-94-1)	Can be	absorbed thro	ugh the skin.
Appropriate engineering controls	changes per h applicable, use maintain airboi established, m	our) should be used. Ve process enclosures, lo ne levels below recomn	ntilation rates s cal exhaust ven nended exposu o an acceptable	Good general ventilation (typically 10 air hould be matched to conditions. If itilation, or other engineering controls to re limits. If exposure limits have not been level. Eye wash facilities and emergency
Individual protection measure				
Eye/face protection	•			th side shields (or goggles).
Skin protection				
Hand protection	Wear appropria	ate chemical resistant gl	oves.	
Other	Wear appropria	ate chemical resistant cl	othing.	
Respiratory protection	limits (where a		otable level (in d	entrations below recommended exposure countries where exposure limits have not orn.
Thermal hazards	Wear appropria	ate thermal protective cl	othing, when ne	ecessary.
General hygiene considerations	as washing aft		and before eati	rve good personal hygiene measures, such ing, drinking, and/or smoking. Routinely wash ntaminants.

# 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Transparent liquid.
Color	Clear.
Odor	Solvent.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	151 °F (66.11 °C)
Flash point	6.0 °F (-14.4 °C) Based on THF
Evaporation rate	7 - 11
Flammability (solid, gas)	Not available.
Upper/lower flammability or expl	osive limits
Flammability limit - lower (%)	1.8

Flammability limit - upper (%)	11.8
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	143 mm Hg @ 20 C
Vapor density	2 - 2.5
Relative density	0.91 +/- 0.02
Solubility(ies)	
Solubility (water)	Negligible
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	80 - 500 cP
Other information	
Bulk density	7.6 lb/gal
VOC (Weight %)	< 510 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 reactions	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 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 toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways. Narcotic effects. May cause respiratory	irritation.
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Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	20 ml/kg
Inhalation		
LC50	Rat	50 mg/l, 8 Hours
Oral		
LD50	Rat	5800 mg/kg

Components	Species	Test Results
Cyclohexanone (CAS 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 b	be based on additional compon	ent data not shown.
kin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Causes serious eye irritation	
Respiratory or skin sensitization	n	
Respiratory sensitization	Not available.	
Skin sensitization	This product is not expected	to cause skin sensitization.
Serm 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.	
IARC Monographs. Overall	Evaluation of Carcinogenicit	y .
Cyclohexanone (CAS 10 Polyvinyl chloride (CAS 9 Silica, amorphous, fumed	8-94-1) 9002-86-2) d (CAS 112945-52-5)	<ul><li>3 Not classifiable as to carcinogenicity to humans.</li><li>3 Not classifiable as to carcinogenicity to humans.</li><li>3 Not classifiable as to carcinogenicity to humans.</li></ul>
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Polyvinyl chloride (CAS 9002-86-2) Cancer		
Reproductive toxicity		to cause reproductive or developmental effects.
Specific target organ toxicity - ingle exposure	target organ toxicity - Narcotic effects. May cause drowsiness and dizziness. Respiratory tract irritation.	
Specific target organ toxicity -	Not classified.	
	Not classifica.	
epeated exposure		d enters airways
epeated exposure Aspiration hazard	May be fatal if swallowed an	
epeated exposure Aspiration hazard Chronic effects	May be fatal if swallowed an Prolonged inhalation may be	
epeated exposure Aspiration hazard Chronic effects 12. Ecological informatior	May be fatal if swallowed an Prolonged inhalation may be	harmful.
epeated exposure Aspiration hazard Chronic effects 12. Ecological informatior	May be fatal if swallowed an Prolonged inhalation may be <b>n</b> The product is not classified	harmful. as environmentally hazardous. However, this does not exclude the
epeated exposure Aspiration hazard Chronic effects 12. Ecological informatior	May be fatal if swallowed an Prolonged inhalation may be <b>n</b> The product is not classified	harmful.
epeated exposure spiration hazard thronic effects 2. Ecological information cotoxicity	May be fatal if swallowed an Prolonged inhalation may be <b>n</b> The product is not classified possibility that large or frequ	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment
epeated exposure spiration hazard chronic effects 2. Ecological information cotoxicity Components	May be fatal if swallowed an Prolonged inhalation may be <b>n</b> The product is not classified possibility that large or frequ	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment
epeated exposure spiration hazard chronic effects 2. Ecological information cotoxicity <u>Components</u> Acetone (CAS 67-64-1)	May be fatal if swallowed an Prolonged inhalation may be n The product is not classified possibility that large or frequ Species	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment.
Aspiration hazard Chronic effects I2. Ecological information Ecotoxicity Components Acetone (CAS 67-64-1) Aquatic	May be fatal if swallowed an Prolonged inhalation may be The product is not classified possibility that large or frequ Species	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment <b>Test Results</b>
epeated exposure Aspiration hazard Chronic effects I2. Ecological information Ecotoxicity Components Acetone (CAS 67-64-1) Aquatic Fish	May be fatal if swallowed an Prolonged inhalation may be The product is not classified possibility that large or frequ Species	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment <b>Test Results</b>
Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Components Acetone (CAS 67-64-1) Aquatic Fish Cyclohexanone (CAS 108-94	May be fatal if swallowed an Prolonged inhalation may be The product is not classified possibility that large or frequ Species LC50 Fathead mini- 1)	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment. <b>Test Results</b>
Aspiration hazard Chronic effects 2. Ecological information Ecotoxicity Components Acetone (CAS 67-64-1) Aquatic Fish Cyclohexanone (CAS 108-94 Aquatic Fish	May be fatal if swallowed an Prolonged inhalation may be The product is not classified possibility that large or frequ Species LC50 Fathead mini- 1)	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment <b>Test Results</b> now (Pimephales promelas) > 100 mg/l, 96 hours now (Pimephales promelas) 481 - 578 mg/l, 96 hours
epeated exposure Aspiration hazard Chronic effects I2. Ecological information Ecotoxicity Components Acetone (CAS 67-64-1) Aquatic Fish Cyclohexanone (CAS 108-94 Aquatic Fish	May be fatal if swallowed an Prolonged inhalation may be The product is not classified possibility that large or frequ Species LC50 Fathead mini- -1) LC50 Fathead mini-	harmful. as environmentally hazardous. However, this does not exclude the ent spills can have a harmful or damaging effect on the environment. <b>Test Results</b> now (Pimephales promelas) > 100 mg/l, 96 hours now (Pimephales promelas) 481 - 578 mg/l, 96 hours ent data not shown.

Partition coefficient n-octa	nol / water (log Kow)	
Acetone (CAS 67-64-1)		-0.24
Cyclohexanone (CAS 108-94-1)		0.81
Furan, Tetrahydro- (CAS 109-99-9)		0.46
Methyl ethyl ketone (CAS 78-93-3)		0.29
Mobility in soil	No data available.	

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

DOT	
UN number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	T11, TP1, TP8, TP27
Packaging exceptions	150
Packaging non bulk	201
Packaging bulk	243
ΙΑΤΑ	
UN number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	No.
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN1133
UN proper shipping name	ADHESIVES
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

15. Regulatory information	ı	
US federal regulations This product is a "Hazardous Cl Standard, 29 CFR 1910.1200. All components are on the U.S.		
TSCA Section 12(b) Export I	Notification (40 CFR 707, Subp	ot. D)
Not regulated.		
Polyvinyl chloride (CAS 9	d Substances (29 CFR 1910.1)	Cancer
Polyvinyi chionde (CAS 9	002-86-2)	Central nervous system Liver Blood Flammability
CERCLA Hazardous Substa	nce List (40 CFR 302.4)	
Acetone (CAS 67-64-1) Cyclohexanone (CAS 108 Furan, Tetrahydro- (CAS Methyl ethyl ketone (CAS	109-99-9)	LISTED LISTED LISTED LISTED
Superfund Amendments and Re	authorization Act of 1986 (SA	RA)
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	
SARA 302 Extremely hazard	lous 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 Pollutants	(HAPs) List
Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)		
Not regulated.		
Safe Drinking Water Act (SDWA)	Not regulated.	
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number		
Acetone (CAS 67-64	•	6532
Methyl ethyl ketone (CAS 78-93-3) 6714 Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)) Acetone (CAS 67-64-1) 35 %WV		
		35 %WV
Methyl ethyl ketone ( DEA Exempt Chemical I	CAS 78-93-3)	35 %WV
Acetone (CAS 67-64 Methyl ethyl ketone (	,	6532 6714
US state regulations		
US. Massachusetts RTK - Si	ubstance 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)		

#### US. New Jersey Worker and Community Right-to-Know Act

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-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)

### 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**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No
*A "Yes" indicates this product cor	mplies with the inventory requirements administered by the adverning 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	27-May-2015
Revision date	-
Version #	01
HMIS® ratings	Health: 2 Flammability: 3 Physical hazard: 0
NFPA ratings	3

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. 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.