

SAFETY DATA SHEET

1. Identification

Product identifier Other means of identification Recommended use Recommended restrictions	M-2000 LIQUID FLASHING None. Not available. None known.	
Manufacturer/Importer/Supplier/	Distributor information	
Manufacturer		
Company name	CETCO, an MTI Company	
Address	2870 Forbs Avenue	
	Hoffman Estates, IL 60192	
	United States	
Telephone	General Information	800 527-9948
Website	http://www.cetco.com/	
E-mail	safetydata@mineralstech.co	om
Emergency phone number	Emergency	1.866.519.4752/1 760 476 3962
Americas	1.866.519.4752 (US, Canac	la, Mexico) 1 760 476 3962

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Acute toxicity, inhalation	Category 4
	Sensitization, respiratory	Category 1
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1A
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Danger
Hazard statement	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.
Response	If on skin: Wash with plenty of water. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center/doctor. Take off contaminated clothing and wash it before reuse.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

26% of the mixture consists of component(s) of unknown acute oral toxicity. 36% of the mixture consists of component(s) of unknown acute dermal toxicity. 36% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 36% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Clarified oils, petroleum, cataly cracked	tic	64741-62-4	50 - < 60
CALCIUM CARBONATE	LIMESTONE	1317-65-3	20 - < 30
CARBON BLACK		1333-86-4	10 - < 20
Calcium oxide (CaO)		1305-78-8	5 - < 10
Solvent naphtha, petroleum, medium aliph.		64742-88-7	1 - < 3
Benzenesulfonyl isocyanate, 4-methyl-		4083-64-1	< 1
DIBUTYL TIN DILAURATE		77-58-7	< 1
Hydrotreated heavy naphthenic distillate		64742-52-5	< 1
Toluene-2,4-diisocyanate		584-84-9	< 1
Other components below repor	table levels		5 - < 10
Constituents			
Chemical name	Common name and synonyms	CAS number	%
QUARTZ (SIO2)		14808-60-7	<= 0.1
Designates that a specific chemic	cal identity and/or percentage of composition ha	as been withheld as a trade se	ecret.
Composition comments	Occupational Exposure Limits for constituent	s are listed in Section 8.	
I. First-aid measures			
nhalation	If breathing is difficult, remove to fresh air an	d keep at rest in a position co	mfortable for breathin
	If breathing is difficult, remove to fresh air an Oxygen or artificial respiration if needed. Do substance. Induce artificial respiration with th valve or other proper respiratory medical dev poison center or doctor/physician. Remove contaminated clothing immediately	not use mouth-to-mouth meth he aid of a pocket mask equip rice. If experiencing respirator	od if victim inhaled th ped with a one-way y symptoms: Call a
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Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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	Use water spray to reduce vapors or divert vapor cloud drift.
5	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: 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. Put material in suitable, covered, labeled containers.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

Components	Туре	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Calcium oxide (CaO) (CAS 1305-78-8)	PEL	5 mg/m3	
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m3	
Toluene-2,4-diisocyanate (CAS 584-84-9)	Ceiling	0.14 mg/m3	
		0.02 ppm	
Constituents	Туре	Value	Form
QUARTZ (SIO2) (CAS 14808-60-7)	PEL	0.05 mg/m3	Respirable dust.
US. OSHA Table Z-3 (29 CFR 1910.1000)		
Constituents	Туре	Value	Form
QUARTZ (SIO2) (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Calcium oxide (CaO) (CAS 1305-78-8)	TWA	2 mg/m3	

US. ACGIH Threshold Limi Components	Туре		v	/alue	Form
CARBON BLACK (CAS 1333-86-4)	TWA		ć	3 mg/m3	Inhalable fraction.
Toluene-2,4-diisocyanate (CAS 584-84-9)	STEL		(0.005 ppm	Inhalable fraction and vapor.
	TWA		().001 ppm	Inhalable fraction and vapor.
Constituents	Туре		•	/alue	Form
QUARTZ (SIO2) (CAS 14808-60-7)	TWA		().025 mg/m3	Respirable fraction.
US. NIOSH: Pocket Guide t Components	o Chemical Hazards Type		,	/alue	Form
CALCIUM CARBONATE (CAS 1317-65-3)	TWA		Ę	5 mg/m3	Respirable.
				10 mg/m3	Total
Calcium oxide (CaO) (CAS 1305-78-8)	TWA		2	2 mg/m3	
CARBON BLACK (CAS 1333-86-4)	TWA		().1 mg/m3	
Constituents	Туре		,	/alue	Form
QUARTZ (SIO2) (CAS 14808-60-7)	TWA		().05 mg/m3	Respirable dust.
ological limit values					
ACGIH Biological Exposure Components	e Indices Value	Determinant	Specimen	Sampling	Time
Toluene-2,4-diisocyanate (CAS 584-84-9)	5 µg/g	Toluene diamine (sum of 2,4- and 2,6-isomers), with hydrolysis	Creatinine i urine	n *	
* - For sampling details, plea	se see the source docu	ument.			
posure guidelines					
US ACGIH Threshold Limit	Values: Skin designa	tion			
Toluene-2,4-diisocyanat	, , ,		e absorbed thr	•	
propriate engineering ntrols	applicable, use proc maintain airborne le	ess enclosures, lo vels below recomm	cal exhaust ve nended expos	entilation, or othe ure limits. If exp	e matched to conditions. If er engineering controls to osure limits have not been I ventilation normally
lividual protection measures Eye/face protection				irator with orgar	nic vapor cartridge and ful
Skin protection Hand protection		trial settinas only.	Wear appropri	ate chemical re	sistant gloves.
Other	Applicable for industrial settings only. Wear appropriate chemical resistant gloves. Applicable for industrial settings only. Wear appropriate chemical resistant clothing. Use of an impervious apropriate settings only.				
Respiratory protection		impervious apron is recommended. Applicable for industrial settings only. Chemical respirator with organic vapor cartridge and full			
Thermal hazards		ermal protective cl	lothing, when	necessary.	
neral hygiene	Wear appropriate thermal protective clothing, when necessary. Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.				

9. Physical and chemical properties

AppearanceSolid.Pipsical stateSolid.Pipsical stateSolid.Pipsical stateSolid.ColorPartoleum.Solvent.Odor tresholdNot available.PitNot available.Initial boiling point and boiling66:1.6 °F (257 °C) estimatedInitial boiling point and boiling678 °F (3750 °C) estimatedPipsical StateSolvent han EtherFlammability ont and boiling over than EtherNot available.Flammability limit - towerNot available.Flammability limit - towerNot available.Flammability limit - towerNot available.Flammability limit - towerNot available.Vapor ressure0.00001 hPa estimatedRelative densityNot available.Vapor cessureNot available.Pathetin coefficientNot available.Pathetin coefficient	, ,	•
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(%)Not available.Explosive limit - lower (%)Not available.Explosive limit - upper (%)Not available.Vapor pressure0.00001 hPa estimatedVapor densityVapors are heavier than air and may travel along the floor and in the bottom of containersRelative density1.21 g/cm³Solubility(ies)Solubility (water)Solubility (water)Not available.Partition coefficient (n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other informationI.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310		Not available.
Explosive limit - upper (%)Not available.Vapor pressure0.00001 hPa estimatedVapor densityVapors are heavier than air and may travel along the floor and in the bottom of containersRelative density1.21 g/cm³Solubility(ies)Not available.Solubility (water)Not available.Partition coefficient (n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other information1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310		Not available.
Vapor pressure0.00001 hPa estimatedVapor densityVapors are heavier than air and may travel along the floor and in the bottom of containersRelative density1.21 g/cm³Solubility(ies)Not available.Solubility (water)Not available.Partition coefficient (n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other informationNot available.Density1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Explosive limit - lower (%)	Not available.
Vapor densityVapors are heavier than air and may travel along the floor and in the bottom of containersRelative density1.21 g/cm³Solubility(ies)Not available.Solubility (water)Not available.Partition coefficient (n-octanol/water)Not available.Auto-ignition temperature Decomposition temperatureNot available.ViscosityNot available.Other informationI.73 g/cm3 estimatedExplosive properties Flash point classNot explosive.Flash point classCombustible IIIBOxidizing properties Percent volatileNot oxidizing.Percent volatile VOC4 %Specific gravity VOC1.09VocCARB 4.92 % VOC Method 310	Explosive limit - upper (%)	Not available.
Relative density 1.21 g/cm³ Solubility(ies)	Vapor pressure	0.00001 hPa estimated
Solubility(ies) Not available. Partition coefficient (n-octanol/water) Not available. Auto-ignition temperature Not available. Decomposition temperature Not available. Viscosity Not available. Other information Not available. Density 1.73 g/cm3 estimated Explosive properties Not explosive. Flash point class Combustible IIIB Oxidizing properties Not oxidizing. Percent volatile 4% Specific gravity 1.09 VOC CARB 4.92 % VOC Method 310	Vapor density	Vapors are heavier than air and may travel along the floor and in the bottom of containers
Solubility (water)Not available.Partition coefficient (n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other informationNot available.Density1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4%Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Relative density	1.21 g/cm ³
Partition coefficient (n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other informationI.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Solubility(ies)	
(n-octanol/water)Not available.Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other informationI.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Solubility (water)	Not available.
Decomposition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Other information1.73 g/cm3 estimatedDensity1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB4.92 % VOC Method 310		Not available.
ViscosityNot available.Other information1.73 g/cm3 estimatedDensity1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Auto-ignition temperature	Not available.
Other information I.73 g/cm3 estimated Density 1.73 g/cm3 estimated Explosive properties Not explosive. Flash point class Combustible IIIB Oxidizing properties Not oxidizing. Percent volatile 4 % Specific gravity 1.09 VOC CARB 4.92 % VOC Method 310	Decomposition temperature	Not available.
Density1.73 g/cm3 estimatedExplosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Viscosity	Not available.
Explosive propertiesNot explosive.Flash point classCombustible IIIBOxidizing propertiesNot oxidizing.Percent volatile4 %Specific gravity1.09VOCCARB 4.92 % VOC Method 310	Other information	
Flash point class Combustible IIIB Oxidizing properties Not oxidizing. Percent volatile 4 % Specific gravity 1.09 VOC CARB 4.92 % VOC Method 310	Density	1.73 g/cm3 estimated
Oxidizing properties Not oxidizing. Percent volatile 4 % Specific gravity 1.09 VOC CARB 4.92 % VOC Method 310	Explosive properties	Not explosive.
Percent volatile 4 % Specific gravity 1.09 VOC CARB 4.92 % VOC Method 310	Flash point class	Combustible IIIB
Specific gravity1.09VOCCARB4.92 % VOC Method 310	Oxidizing properties	Not oxidizing.
VOC CARB 4.92 % VOC Method 310	Percent volatile	4 %
4.92 % VOC Method 310	Specific gravity	1.09
	VOC	4.92 % VOC Method 310

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	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Fluorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

information on likely routes of e	xposure		
Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.		
Skin contact	May cause an allergic skin reaction.		
Eye contact	Direct contact with eyes may cause temporary irritation.		
Ingestion	Expected to be a low ingestion	n hazard.	
Symptoms related to the physical, chemical and toxicological characteristics	Coughing. Difficulty in breathir	ng. May cause an aller	gic skin reaction. Dermatitis. Rash.
Information on toxicological effe	ects		
Acute toxicity	Not known.		
Components	Species		Test Results
Benzenesulfonyl isocyanate, 4-me	ethyl- (CAS 4083-64-1)		
<u>Acute</u>			
Inhalation LC50	Rat		640 mg/l/4h
			040 mg///4m
CARBON BLACK (CAS 1333-86-4 <u>Acute</u>	•)		
Oral			
LD50	Rat		> 8000 mg/kg
Clarified oils, petroleum, catalytic o	cracked (CAS 64741-62-4)		
<u>Acute</u>	, , , , , , , , , , , , , , , , , , ,		
Dermal			
LD50	Rabbit		2000 mg/kg
	Rat		2000 mg/kg
Oral			
LD50	Rat		4300 mg/kg
Toluene-2,4-diisocyanate (CAS 58	34-84-9)		
<u>Acute</u>			
Inhalation	Det		1.4
LC50	Rat		14 mg/l/4h
			14 mg/l, 4 Hours
Oral LD50	Rat		5800 mg/kg
Skin corrosion/irritation	Prolonged skin contact may ca		
Serious eye damage/eye irritation	Direct contact with eyes may o	cause temporary imial	011.
Respiratory or skin sensitizatior	ı		
ACGIH sensitization			
	ANATE, INHALABLE FRACTION	N Dermal sensitization	
AND VAPOR (CAS 584-8	34-9)	Respiratory sensitiza	tion
Respiratory sensitization	May cause allergy or asthma		
Skin sensitization	May cause an allergic skin rea		difficulties if infinited.
Germ cell mutagenicity	May cause genetic defects.		
Carcinogenicity	May cause cancer.		
	Evaluation of Carcinogenicity		
CARBON BLACK (CAS 1		2B Possibly carcinog	enic to humans.
QUARTZ (SIO2) (CAS 14	1808-60-7)	1 Carcinogenic to hu	mans.
Toluene-2,4-diisocyanate	e (CAS 584-84-9)	2B Possibly carcinog	enic to humans.

OSHA Specifically Pagulat	d Substand	000 (20 CEP 1010 1001 1052)		
QUARTZ (SIO2) (CAS 1		ces (29 CFR 1910.1001-1052) Cancer		
US. National Toxicology Pr	,			
QUARTZ (SIO2) (CAS 1	4808-60-7)	Known	Го Be Human Carcinogen.	
Reproductive toxicity	This produ	This product is not expected to cause reproductive or developmental effects.		
Specific target organ toxicity - single exposure	Not classi	fied.		
Specific target organ toxicity - repeated exposure	Not classi	fied.		
Aspiration hazard	Not an as	piration hazard.		
Chronic effects	Prolonged	d inhalation may be harmful. P	rolonged exposure may cause chronic effects.	
12. Ecological information	n			
Ecotoxicity			mentally hazardous. However, this does not exclude the an have a harmful or damaging effect on the environment.	
Components		Species	Test Results	
Clarified oils, petroleum, cata	lytic cracked	d (CAS 64741-62-4)		
	1.050			
Fish	LC50	Fish	48 mg/L, 96 Hours	
Toluene-2,4-diisocyanate (CA	AS 584-84-9))		
Aquatic Fish	LC50	Eathead minnow (Pimer	hales promelas) 108.8 - 240.4 mg/l, 96 hours	
-			· · ·	
Persistence and degradability	no dala is	s available on the degradability	or this product.	
Bioaccumulative potential Partition coefficient n-octar	ool / wator (log Kow)		
DIBUTYL TIN DILAURATE	ioi / water (3.12		
Mobility in soil	No data a	vailable.		
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 consideratio	ns			
Disposal instructions	material u		d containers at licensed waste disposal site. Incinerate the an approved incinerator. Dispose of contents/container in international regulations.	
Local disposal regulations	Dispose ir	n accordance with all applicab	le regulations.	
Hazardous waste code		e code should be assigned in a	2 or =>12.5, or corrosive to steel] discussion between the user, the producer and the waste	
Waste from residues / unused products	product re	of in accordance with local reg esidues. This material and its o instructions).	ulations. Empty containers or liners may retain some container must be disposed of in a safe manner (see:	
Contaminated packaging			oduct residue, follow label warnings even after container is ken to an approved waste handling site for recycling or	
14. Transport information				
DOT				

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established.

Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US federal regulations		t is a "Hazardou 9 CFR 1910.120		d by the OSHA Hazard	Communication	
Toxic Substances Co						
	(b) Export Notificati	on (40 CFR 70	7, Subpt. D)			
Toluene-2,4-c	liisocyanate (CAS 58 Action Plans, Chemi	84-84-9)	0.1 % One-Time E	0.1 % One-Time Export Notification only.		
Toluene-2,4-diisocyanate (CAS 584-84-9)			Toluene Diisocyanate (TDI) And Related Compounds Action Plan [RIN 2070-ZA14]			
CERCLA Hazardous	Substance List (40 (CFR 302.4)				
Toluene-2,4-diisocyanate (CAS 584-84-9) SARA 304 Emergency release notification			Listed.			
Benzene, 2,4-diisc OSHA Specifically Re	ocyanato-1-methyl- ((gulated Substance:	,	100 LBS . 1001-1052)			
QUARTZ (SIO2) (CAS 14808-60-7)			Cancer lung effects immune system effects kidney effects			
Superfund Amendments a SARA 302 Extremely		-	SARA)			
Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)	
Toluene-2,4-diisocyan ate	584-84-9	100	500			
SARA 311/312 Hazard	dous No (Exempt)				
chemical						
chemical SARA 313 (TRI report Chemical name	ing)	C	AS number	% by wt.		
SARA 313 (TRI report			AS number 84-84-9	% by wt. < 1		
SARA 313 (TRI report Chemical name	cyanate					
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo	cyanate	5	84-84-9			
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S	Section 112 Hazardo Syanate (CAS 584-84 Section 112(r) Accid	5 bus Air Pollutar I-9) ental Release I	84-84-9 nts (HAPs) List	<1		
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S	Section 112 Hazardo Section 112 Hazardo Syanate (CAS 584-84 Section 112(r) Accid Syanate (CAS 584-84	5 bus Air Pollutar I-9) ental Release I I-9)	84-84-9 nts (HAPs) List	<1		
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S Toluene-2,4-diisoo Safe Drinking Water A (SDWA)	Section 112 Hazardo Section 112 Hazardo Syanate (CAS 584-84 Section 112(r) Accid Syanate (CAS 584-84	5 bus Air Pollutar I-9) ental Release I I-9)	84-84-9 nts (HAPs) List	<1		
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S Toluene-2,4-diisoo Safe Drinking Water	Section 112 Hazardo Cyanate (CAS 584-84 Section 112(r) Accid Cyanate (CAS 584-84 Act Not regulate	5 bus Air Pollutar I-9) ental Release I I-9)	84-84-9 nts (HAPs) List	<1		
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S Toluene-2,4-diisoo Safe Drinking Water A (SDWA) US state regulations California Proposition	cyanate Section 112 Hazardo cyanate (CAS 584-84 Section 112(r) Accid cyanate (CAS 584-84 Act Not regulate n 65 G: This product car	5 Dus Air Pollutar ental Release 1-9) ed. n expose you to ate of California	84-84-9 nts (HAPs) List Prevention (40 CFR 6	< 1 8.130) ARBON BLACK: QUAR	TZ (SIO2), which are	
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S Toluene-2,4-diisoo Safe Drinking Water A (SDWA) US state regulations California Proposition WARNIN	cyanate Section 112 Hazardo cyanate (CAS 584-84 Section 112(r) Accid cyanate (CAS 584-84 Act Not regulate n 65 G: This product car known to the Sta	5 bus Air Pollutar ental Release 1-9) ed. n expose you to ate of California nings.ca.gov.	84-84-9 hts (HAPs) List Prevention (40 CFR 6 chemicals including C, to cause cancer. For n	< 1 8.130) ARBON BLACK: QUAR	TZ (SIO2), which are	
SARA 313 (TRI report Chemical name Toluene-2,4-diisoo Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisoo Clean Air Act (CAA) S Toluene-2,4-diisoo Safe Drinking Water A (SDWA) US state regulations California Proposition WARNIN California Propos CARBON BLA QUARTZ (SIC	 Section 112 Hazardo Section 112 Hazardo Syanate (CAS 584-84 Section 112(r) Accid Syanate (CAS 584-84 Act Not regulate n 65 G: This product car known to the Sta to www.P65War Sition 65 - CRT: List ACK (CAS 1333-86-4 D2) (CAS 14808-60-7 	5 bus Air Pollutar ental Release (-9) ed. (-9) ed. (-9) ed. (-9) ed. (-9) ed. (-9) ed. (-9) (-9	84-84-9 hts (HAPs) List Prevention (40 CFR 64 chemicals including C/ to cause cancer. For n ogenic substance Listed: February 2 Listed: October 1,	< 1 8.130) ARBON BLACK: QUAR nore information go		
SARA 313 (TRI report Chemical name Toluene-2,4-diisod Other federal regulations Clean Air Act (CAA) S Toluene-2,4-diisod Clean Air Act (CAA) S Toluene-2,4-diisod Safe Drinking Water A (SDWA) US state regulations California Proposition WARNIN California Propos CARBON BLA QUARTZ (SIC US. California. Ca subd. (a)) Benzenesulfo CARBON BLA Clarified oils, Hydrotreated QUARTZ (SIC	 Section 112 Hazardo Section 112 Hazardo Syanate (CAS 584-84 Section 112(r) Accid Syanate (CAS 584-84 Act Not regulate n 65 G: This product car known to the Sta to www.P65War Sition 65 - CRT: List ACK (CAS 1333-86-4 D2) (CAS 14808-60-7 	5 bus Air Pollutar ental Release i -9) ed. i expose you to ate of California nings.ca.gov. ed date/Carcin i) bist. Safer Col thyl- (CAS 4083) cracked (CAS 643 7)	84-84-9 hts (HAPs) List Prevention (40 CFR 64 chemicals including C/ to cause cancer. For n ogenic substance Listed: February 2 Listed: October 1, nsumer Products Reg 3-64-1) 4741-62-4)	< 1 8.130) ARBON BLACK: QUAR nore information go 1, 2003 1988		

International Inventories

Country(s) or region	Inventory name On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
** ***		

*A "Yes" indicates that all components of this product comply 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	13-August-2014
Revision date	25-January-2019
Version #	14
HMIS® ratings	Health: 3* Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 3 Flammability: 0 Instability: 0
Disclaimer	CETCO, an MTI Company 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. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.