Versi 2.0	ion	Revision Date: 03/28/2022		DS Number: 00000261101	Date of last issue: 08/04/2020 Date of first issue: 08/04/2020				
SEC	SECTION 1. IDENTIFICATION								
	Product name		:	MasterInject 1380 PART B					
	Produc	t code	:	0000000005535	2711 00000000055352711				
	Manufacturer or supplier's								
	Company name of supplier		:	Master Builders-C	Construction Systems				
	Address		:	23700 CHAGRIN Beachwood OH 4					
	Emerge	ency telephone	:	ChemTel: +1-813	-248-0585				
	National Emergency Tele- phone Number		:	USA: +1-800-255-3924 ChemTel contract no. MIS924042					
	Recommended use of the		hen	nical and restriction	ons on use				
	Recom	mended use	:	Adhesives and/or sealants					
	Restrictions on use		:	Reserved for industrial and professional use.					

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 3
Skin corrosion	:	Category 1A
Serious eye damage	:	Category 1
Skin sensitization	:	Category 1
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - repeated exposure	:	Category 2
Specific target organ toxicity - single exposure	:	Category 3
Short-term (acute) aquatic hazard	:	Category 2
Long-term (chronic) aquatic hazard	:	Category 2

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	label elements rd pictograms		
Signa	al Word	: Danger	
Haza	rd Statements	H302 Harmful H317 May cau H335 May cau H360F May da H373 May cau peated exposu H401 Toxic to	severe skin burns and eye damage. If swallowed. se an allergic skin reaction. se respiratory irritation. mage fertility. se damage to organs through prolonged or re- re.
Preca	autionary Statements	P202 Do not ha and understood P260 Do not by P264 Wash sk P270 Do not ea P271 Use only P272 Contamin the workplace. P273 Avoid rel	reathe mist or vapors. in thoroughly after handling. at, drink or smoke when using this product. outdoors or in a well-ventilated area. hated work clothing must not be allowed out of ease to the environment. otective gloves/ protective clothing/ eye protection
		CENTER/ doct P301 + P330 + induce vomiting P303 + P361 + all contaminate P304 + P340 + and keep comf CENTER/ doct P305 + P351 + water for sever and easy to do CENTER/ doct P308 + P313 II attention. P333 + P313 II attention.	P353 IF ON SKIN (or hair): Take off immediately ed clothing. Rinse skin with water/ shower. P310 IF INHALED: Remove person to fresh air ortable for breathing. Immediately call a POISON or. P338 + P310 IF IN EYES: Rinse cautiously with al minutes. Remove contact lenses, if present . Continue rinsing. Immediately call a POISON

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		P391 Collec	t spillage.
		Storage:	
		-	
		Disposal:	
		P501 Dispos posal plant.	se of contents/ container to an approved waste dis-
Othe	r hazards		
None	known.		
SECTION	3. COMPOSITION/INFO	RMATION ON I	NGREDIENTS
Subs	tance / Mixture	: Mixture	
Chen	nical nature	: Amines	
Com	ponents		
Chen	nical name	CAS-No	. Concentration (% w/w)
2-sec	-Butylphenol	89-72-5	>= 20 - < 30
trime	thylhexane-1,6-diamine	25620-5	8-0 >= 20 - < 30
	ylmethylbenzenediamine	68479-9	8-1 >= 10 - < 20
2,4,6		90-72-2	>= 10 - < 20
tris(d	imethylaminomethyl)phei	nol	
	minodi(ethylamine)	111-40-0) >= 5 - < 20
bisph	enol A	80-05-7	>= 5 - < 20
Bis[(c	dimethylamino)methyl]ph	enol 71074-8	9-0 >= 1 - < 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	:	First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
If inhaled	:	If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
In case of skin contact	:	After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.
In case of eye contact	:	Immediately flush eyes for at least 15 minutes. Get medical attention. Remove contact lenses. Keep eye wide open while rinsing. Protect unharmed eye.
If swallowed	:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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		Do not induce ter or doctor.	e vomiting unless told to by a poison control cen-
Most important symptoms and effects, both acute and delayed		Harmful if sw May cause a May cause re May damage	re skin burns and eye damage. allowed. n allergic skin reaction. espiratory irritation.
Notes	to physician	: Treat sympto	matically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Foam Water spray Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	water jet
Hazardous combustion prod- ucts	:	nitrogen oxides Carbon oxides fumes/smoke carbon black corrosive gases/vapours
Further information	:	The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.
Special protective equipment for fire-fighters	:	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.
Environmental precautions	:	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

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Advice on protection against fire and explosion		:	Normal measures for preventive fire protection.		
Advice on safe handling		:	Handle and open container with care. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid aerosol formation. Keep container tightly sealed. Keep away from sources of ignition - No smoking.		
Conditions for safe storage		:	Prevent unauthorized access. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed a kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.		
Further information on stor- age conditions		:	Keep only in the original container in a cool, dry, well- ventilated place away from ignition sources, heat or flame Protect from direct sunlight. Store protected against freezing.		

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
2-sec-Butylphenol	89-72-5	TWA value	5 ppm	ACGIHTLV
		REL value	5 ppm 30 mg/m3	NIOSH
		TWA value	5 ppm 30 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	5 ppm	ACGIH
		TWA	5 ppm 30 mg/m3	NIOSH REL
		TWA	5 ppm 30 mg/m3	OSHA P0
2,2'-iminodi(ethylamine)	111-40-0	TWA	1 ppm	ACGIH
		TWA	1 ppm 4 mg/m3	NIOSH REL
		TWA	1 ppm 4 mg/m3	OSHA P0

Engineering measures

: Ensure adequate ventilation.

Personal protective equipment

Respiratory protection

: Wear appropriate certified respirator when exposure limits may be exceeded.

Use NIOSH approved respiratory protection.

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Hand protection							
Remarks		:	Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.				
Eye protection		:	Tightly fitting safety goggles (chemical goggles) and face shield.				
Skin and body protection		:	Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.				
Protective measures		:	Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Handle in accordance with good building materials hygiene and safety practice.				
Hygiene measures		:	When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and a the end of the shift. At the end of the shift the skin should be cleaned and skin care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).				

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	black-brown
Odor	:	of phenol
Odor Threshold	:	not determined
рН	:	alkaline
Melting point	:	No data available
Boiling point/boiling range	:	> 392 °F / > 200 °C
Flash point	:	> 212 °F / > 100 °C
Evaporation rate	:	No data available
Flammability (liquids)	:	not highly flammable

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Upper explosion limit / Upper flammability limit	No data available	
Lower explosion limit / Lower flammability limit	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Relative density	No data available	
Density	approx. 0.98 g/cm3 (68 °F / 2	20 °C)
Solubility(ies) Water solubility	insoluble (68 °F / 20 °C)	
Solubility in other solvents	No data available	
Partition coefficient: n- octanol/water	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No decomposition if stored a scribed/indicated.	nd handled as pre-
Viscosity Viscosity, dynamic	approx. 1,900 mPa.s (approx	a. 77 °F / 25 °C)
Viscosity, kinematic	No data available	
Explosive properties	Not explosive	
Oxidizing properties	Based on its structural prope as oxidizing.	rties the product is not classified
Sublimation point	No data available	
Molecular weight	No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as pre- scribed/indicated.
Chemical stability	:	The product is stable if stored and handled as pre- scribed/indicated.
Possibility of hazardous reac- tions	:	The product is stable if stored and handled as pre- scribed/indicated.
Conditions to avoid	:	See SDS section 7 - Handling and storage.

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Incom	patible materials	: Oxidizing ag strong alkali Acids	
Hazar produ	dous decomposition	: No hazardou as prescribe	us decomposition products if stored and handled d/indicated.
ECTION	11. TOXICOLOGICAL	INFORMATION	
Harm	e toxicity ful if swallowed. if inhaled.		
Produ	<u>uct:</u>		
Acute	oral toxicity		estimate: 771.55 mg/kg culation method
Acute	inhalation toxicity	Exposure tim Test atmosph	
-	corrosion/irritation		
	es severe burns.		
	us eye damage/eye ir es serious eye damage		
Resp	iratory or skin sensit	zation	
Skin s	sensitization		
	ause an allergic skin r	eaction.	
-	iratory sensitization assified based on avai	lable information.	
	cell mutagenicity assified based on avai	lable information.	
	nogenicity assified based on avai	lable information.	
Repro	oductive toxicity lamage fertility.		
STOT	-single exposure ause respiratory irritati	on.	
-	-repeated exposure		
		ns through prolonge	d or repeated exposure.
Aspir	ation toxicity		
		lable information.	

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Furthe	er information				
Produ	ict:				
Rema	rks	:	: The product has not been tested. The statements on toxic gy have been derived from the properties of the individual components.		
ECTION [·]	12. ECOLOGICAL INF	ORM	IATION		
Ecoto	xicity				
Produ	ict:				
Ecoto	xicology Assessmen	t			
Acute	aquatic toxicity	:	Toxic to aquatic	life.	
Chron	ic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.		
	stence and degradabi	ility			
	ta available				
	cumulative potential ta available				
Mobili	ity in soil				
No dat	ta available				
Other	adverse effects				
Produ	ict:				
Additic matior	onal ecological infor- า	:	The product has	e product into the environment without contro s not been tested. The statements on ecotoxi- en derived from the properties of the individua	

Disposal methods		
Waste from residues	:	Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.
Contaminated packaging	:	Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

SECTION 14. TRANSPORT INFORMATION

UNRTDG

ersion)	Revision Date: 03/28/2022		S Number: 0000261101	Date of last issue: 08/04/2020 Date of first issue: 08/04/2020
UN number Proper shipping name		:	UN 1760 CORROSIVE L (2-SEC-BUTY DIAMINE)	.IQUID, N.O.S. LPHENOL, TRIMETHYLHEXANE-1,6-
Class Packir Labels	ng group S	::	8 8	
ΙΑΤΑ-				
UN/ID Prope	No. r shipping name	:	UN 1760 Corrosive liquid (2-SEC-BUTY DIAMINE)	d, n.o.s. LPHENOL, TRIMETHYLHEXANE-1,6-
Class		:	8	
Labels	ng group	:	II Corrosive	
	ng instruction (cargo	:	855	
Packiı ger aiı	ng instruction (passen- rcraft)	:	851	
IMDG	-Code			
UN nu Prope	ımber r shipping name	:	UN 1760 CORROSIVE L (2-SEC-BUTYL DIAMINE)	.IQUID, N.O.S. PHENOL, TRIMETHYLHEXANE-1,6-
Class		:	8	
	ng group	:		
Labels EmS (÷	8 F-A, S-B	
	e pollutant	÷	no	
Trans	port in bulk according	ı to	Annex II of MAI	RPOL 73/78 and the IBC Code
	oplicable for product as	-		
Dome	estic regulation			
49 CF	R			
UN/ID	/NA number r shipping name	:	UN 1760 Corrosive liquid (2-SEC-BUTY DIAMINE)	ls, n.o.s. LPHENOL, TRIMETHYLHEXANE-1,6-
Class		:	8	
	ng group	:		
Labels ERG (:	CORROSIVE	
	JUNE	. 154 : no		

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

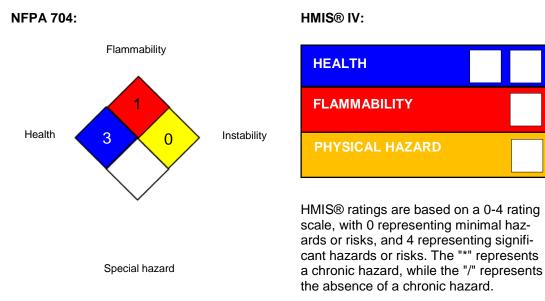
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SARA	313	:		omponents are sub RA Title III, Sectio	pject to reporting levels es- n 313:	
			bisphenol A	80-05-7	>= 5 - < 10 %	
US St	ate Regulations					
Penns	sylvania Right To Kno	w				
	2-sec-Butylphenol bisphenol A 2,2'-iminodi(ethyla	mine	•)		89-72-5 80-05-7 111-40-0	
New J	lersey Right To Know	,				
	2-sec-Butylphenol trimethylhexane-1,6-diamine bisphenol A 2,2'-iminodi(ethylamine)				89-72-5 25620-58-0 80-05-7 111-40-0	
Califo	rnia Prop. 65					

WARNING: This product can expose you to chemicals including bisphenol A, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:				
TSCA	:	All substances listed as active on the TSCA inventory		
DSL	:	All components of this product are on the Canadian DSL		

SECTION 16. OTHER INFORMATION





Full text of other abbreviations

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	29 CFR 1-A)	1910.1000 (Table Z-	:	OSHA - Table Z-1	-A (29 CFR 1910.1000)			
	ACGIH		:	USA. ACGIH Threshold Limit Values (TLV)				
/	ACGIH	TLV			ence of Governmental Industrial Hygienists -			
1	NIOSH		:	NIOSH Pocket Guide to Chemical Hazards (US)				
1	NIOSH REL		:	USA. NIOSH Recommended Exposure Limits				
(OSHA I	>0	:	 USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values) 				
	29 CFR 1910.1000 (Table Z- 1-A) / TWA value		:	Time Weighted Av	verage (TWA):			
	ACGIH / TWA		:	8-hour, time-weig	hted average			
	ACGIHTLV / TWA value			Time Weighted Average (TWA):				
1	NIOSH / REL value		:	Recommended exposure limit (REL):				
1	NIOSH	REL / TWA		Time-weighted av	erage concentration for up to a 10-hour 40-hour workweek			
(OSHA I	P0 / TWA	:	8-hour time weigh				

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships: MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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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 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.

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