Version 1.0	Revision Date: 03/02/2021	SDS Number: 000000260309	Date of last issue: - Date of first issue: 03/02/2021				
SECTIO	N 1. IDENTIFICATION						
Proc	duct name	: MasterSeal	I P 255 PART B				
Product code		: 000000000	00000000055401784 00000000055401784				
Mar	ufacturer or supplier's	details					
Company name of supplier		: Master Build US, LLC	•				
Address			23700 CHAGRIN BLVD Beachwood OH 44122				
Emergency telephone		: ChemTel: +	+1-813-248-0585				
Rec	ommended use of the	chemical and res	strictions on use				
Recommended use		: Functional s	surface coating				
Restrictions on use		: Reserved for	or industrial and professional use.				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Acute toxicity (Inhalation)	:	Category 4
Skin irritation	:	Category 2
Eye irritation	:	Category 2B
Respiratory sensitization	:	Category 1
Skin sensitization	:	Category 1
Carcinogenicity	:	Category 2
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 2 (Respiratory system, Olfactory organs)
GHS label elements		

Hazard nictograms

Hazard pictograms



Signal Word

: Danger

1

ersion D	Revision Date: 03/02/2021	SDS Number: 000000260309	Date of last issue: - Date of first issue: 03/02/2021
Hazar	d Statements	H317 May caus H332 Harmful i H334 May caus culties if inhaled H335 May caus H351 Suspecte H373 May caus	e allergy or asthma symptoms or breathing diff
Preca	utionary Statements	Prevention:	
		P202 Do not ha and understood P260 Do not br P264 Wash ski P271 Use only P272 Contamin the workplace. P280 Wear pro face protection.	eathe dust/ fume/ gas/ mist/ vapours/ spray. n thoroughly after handling. outdoors or in a well-ventilated area. lated work clothing must not be allowed out of tective gloves/ protective clothing/ eye protectio
		Response:	
		P304 + P340 + and keep comfor doctor if you fee P305 + P351 + for several minut to do. Continue P308 + P313 IF attention. P333 + P313 If attention. P337 + P313 If tion. P362 Take off o	P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and ea
		Storage:	
		P403 + P233 S tightly closed. P405 Store locl	tore in a well-ventilated place. Keep container ked up.
		Disposal:	
		•	of contents/ container to an approved waste dis

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	03/02/2021	00000260309	Date of first issue: 03/02/2021

EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: polyurethane component

Components

Chemical name	CAS-No.	Concentration (% w/w)
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	>= 50 - < 70
Isocyanic acid, polymethylenepoly- phenylene ester (P-MDI)	9016-87-9	>= 30 - < 50
Methylenediphenyl diisocyanate	26447-40-5	>= 10 - < 20
Isocyanic acid, polymethylenepoly- phenylene ester, polymer with.alpha hydroomegahydroxypoly(oxy-1,2- ethanediyl)	57636-09-6	>= 1 - < 5
1,3-Diazetidine-2,4-dione, 1,3-bis[4- [(4-isocyanatophenyl)methyl]phenyl]-	17589-24-1	>= 0.1 - < 1
Actual concentration is withhold as a t	rada agarat	

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	:	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	:	Causes skin and eye irritation. May cause an allergic skin reaction. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul-

Versior 1.0	n Revisio 03/02/2			9S Number: 0000260309	Date of last issue: - Date of first issue: 03/02/2021				
				ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or re exposure.					
No	otes to physici	ian	:	Treat symptomation	cally.				
SECTIO	ON 5. FIRE-F	IGHTING ME	ASU	RES					
Su	itable extingu	iishing media	:	Foam Water spray Dry powder Carbon dioxide (C	:02)				
	nsuitable extin edia	nguishing	:	water jet					
	ecific hazards hting	s during fire	:	See SDS section	10 - Stability and reactivity.				
	Hazardous combustion prod- ucts		:	harmful vapours nitrogen oxides fumes/smoke carbon black carbon oxides					
Fu	rther informat	tion	:	the fire conditions If exposed to fire, Collect contamina allow to reach sev	keep containers cool by spraying with water. ted extinguishing water separately, do not vage or effluent systems. inguishing water must be disposed of in				
	ecial protectiv fire-fighters	ve equipment	:	Wear a self-conta	ined breathing apparatus.				

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer- gency procedures	Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immedi- ately. Use personal protective clothing. 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).

Version 1.0	Revision Date: 03/02/2021		DS Number: 0000260309	Date of last issue: - Date of first issue: 03/02/2021		
			Keep in suitable,	closed containers for disposal.		
SECTIO	N 7. HANDLING AND ST	OR	AGE			
	ice on protection against and explosion	:	Normal measures	for preventive fire protection.		
Do not breath Avoid exposu Avoid contact For personal Smoking, eati plication area Provide suffic Dispose of rin regulations. Persons susc allergies, chro be employed		Avoid contact with For personal prot Smoking, eating a plication area. Provide sufficient Dispose of rinse v regulations. Persons suscepti allergies, chronic	athe vapors/dust. sure - obtain special instructions before use. act with skin and eyes. al protection see section 8. eating and drinking should be prohibited in the ap- ea. fficient air exchange and/or exhaust in work rooms. rinse water in accordance with local and national			
Cor	Conditions for safe storage		Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.			
	ther information on stor- 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.			
	commended storage tem- ature	:	61 - 81 °F / 16 - 2	7 °C		
	ther information on stor- stability	:	No decomposition if stored and applied as directed.			

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
Diphenylmethane-4,4'- diisocyanate (MDI)	101-68-8	TWA value	0.005 ppm	ACGIHTLV
		REL value	0.005 ppm 0.05 mg/m3	NIOSH
		Ceil_Time	0.020 ppm 0.2 mg/m3	NIOSH
		CLV	0.02 ppm 0.2 mg/m3	29 CFR 1910.1000

sion	Revision Date: 03/02/2021	SDS Number: 000000260309		of last issue: - of first issue: 03/02/202	1		
		1		1	(Table 7.1)		
			CLV	0.02 ppm	(Table Z-1) 29 CFR		
				0.2 mg/m3	1910.1000 (Table Z-1-		
			TWA	0.005 ppm	ACGIH		
			С	0.02 ppm 0.2 mg/m3	OSHA Z-1		
			С	0.02 ppm 0.2 mg/m3	OSHA P0		
			TWA	0.005 ppm 0.05 mg/m3	NIOSH REI		
			C	0.02 ppm 0.2 mg/m3	NIOSH REI		
	anic acid, polymeth- polyphenylene ester (P-	9016-87-9	С	0.02 ppm 0.2 mg/m3	OSHA Z-1		
·			С	0.02 ppm 0.2 mg/m3	OSHA P0		
			TWA	0.005 ppm 0.05 mg/m3	NIOSH REI		
			С	0.02 ppm 0.2 mg/m3	NIOSH REI		
1	iratory protection	sary.		or equivalent) respirate			
Hand	protection						
Re	emarks		use should	protective gloves. Man be observed because			
Eye p	protection	: Safety glasse	es with side-	shields.			
Skin a	and body protection	Body protecti possible expo	Impermeable protective clothing Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.				
Protec	ctive measures	Avoid contac Avoid exposu Handle in acc and safety pr	Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.				
Hygie	ne measures	Hands and/o the end of the At the end of	When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin- care agents applied.				

Version 1.0	Revision Date: 03/02/2021		S Number: 0000260309	Date of last issue: - Date of first issue: 03/02/2021
			re-use or dispose Gloves must be i	nated clothing immediately and clean before it if necessary. nspected regularly and prior to each use. sary (e.g. pinhole leaks).
SECTION	9. PHYSICAL AND CH	EMI	CAL PROPERTIE	S
Appe	arance	:	liquid	
Color	r	:	dark amber	
Odor		:	faintly aromatic	
Odor	Threshold	:	not determined	
pН		:	No data availabl	e
Freez	zing point	:	approx. 36 °F / 2	2°C
Boilir	ng point	:	392 °F / 200 °C (7 hPa)	
Flash	n point	:	399.99 °F / 204.	44 °C
Evap	oration rate	:	No data availabl	e
Flam	mability (liquids)	:	Not classified as	a flammability hazard
	er explosion limit / Upper nability limit	:	No applicable in	formation available.
	er explosion limit / Lower nability limit	:	No applicable in	formation available.
Vapo	or pressure	:	0.00001 mmHg	(68 °F / 20 °C)
Relat	tive vapor density	:	Heavier than air.	
Relat	tive density	:	1.2365	
Dens	ity	:	1.2102 g/cm3 (7	7 °F / 25 °C)
	bility(ies) /ater solubility	:	No data availabl	e
S	olubility in other solvents	:	No data availabl	e
	tion coefficient: n- nol/water	:	No data availabl	e.

Versi 1.0	ion	Revision Date: 03/02/2021		S Number: 0000260309	Date of last issue: - Date of first issue: 03/02/2021	
	Autoignition temperature		:	No data available		
	Decomposition temperature		:	No decomposition if stored and handled as pre- scribed/indicated.		
	Viscosity Viscosity, dynamic		:	No data available.		
	Viscosity, kinematic		:	No data available		
	Explosive properties		:	Not explosive		
	Oxidizing properties		:	Based on its structural properties the product is not classified as oxidizing.		
	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.		
	Incompatible materials		:	Strong acids Strong bases Strong oxidizing agents		

Hazardous decomposition	:	No hazardous decomposition products if stored and handled
products		as prescribed/indicated.

Strong reducing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity		
Harmful if inhaled.		
Product:		
Acute inhalation toxicity	:	Acute toxicity estimate: 16.89 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method

ersion 0	Revision Date: 03/02/2021	SDS Number: 000000260309	Date of last issue: - Date of first issue: 03/02/2021												
	corrosion/irritation es skin irritation.														
Serious eye damage/eye irritation															
Caus	es eye irritation.														
Resp	espiratory or skin sensitization														
	sensitization cause an allergic skin r	eaction.													
Respiratory sensitization															
May cause allergy or asthma symptoms or breathing difficulties if inhaled.															
Germ cell mutagenicity Not classified based on available information. Carcinogenicity Suspected of causing cancer. Reproductive toxicity Not classified based on available information.															
								STOT-single exposure							
								May cause respiratory irritation.							
								STOT-repeated exposure May cause damage to organs (Respiratory system, Olfactory organs) through prolonged or peated exposure if inhaled.							
															-
Not c	lassified based on avai	ilable information.													
Furth	er information														
Prod	uct:														
Rema	arks	The product ha	are not known or expected under normal use. Is not been tested. The statements on toxicolo derived from the properties of the individual												
ECTION	12. ECOLOGICAL IN	FORMATION													
Ecoto	oxicity														

Product:

Ecotoxicology Assessment

Acute aquatic toxicity	:	This product has no known ecotoxicological effects.
Chronic aquatic toxicity	:	This product has no known ecotoxicological effects.

Persistence and degradability

No data available

potential		
Bioaccumulative potential No data available Mobility in soil No data available Other adverse effects		
Product: Additional ecological infor- mation		untreated into natural waters. enter soil, waterways or waste water channels. s not been tested. The statement has been e properties of the individual components.
	al infor-	al infor- : Do not release Do not allow to The product has

Disposal methods		
Waste from residues	:	Dispose of in accordance with national, state and local regula- tions. Residues should be disposed of in the same manner as the substance/product. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

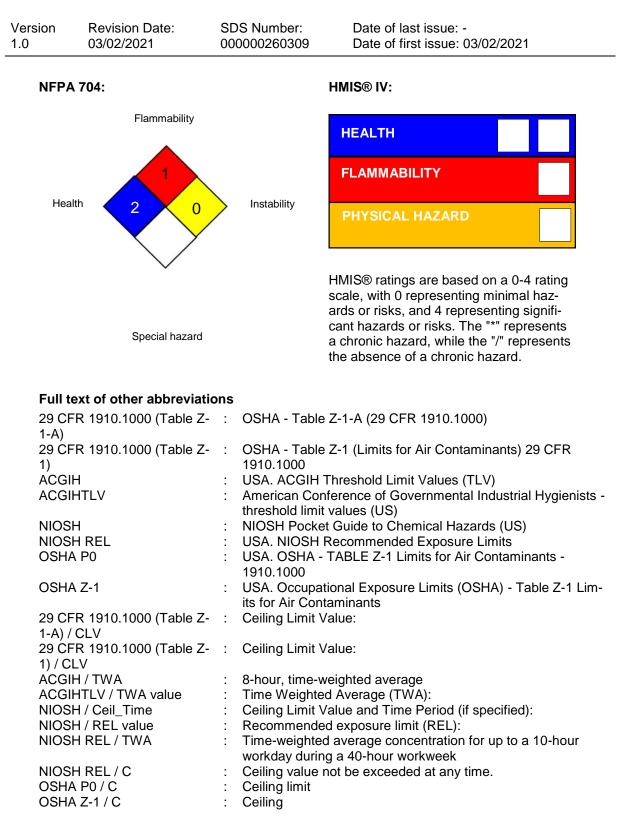
EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

rsion)	Revision Date: 03/02/2021		8 Number: 000260309	Date of last issue: - Date of first issue: (
Comp	oonents		CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)			
	nylmethane-4,4'- yanate (MDI)		101-68-8	5000	9000			
SARA 313			 The following components are subject to reporting levels es- tablished by SARA Title III, Section 313: 					
		1	Diphenylme- thane-4,4'- diisocyanate (MDI)	101-68-8	>= 50 - < 70 %			
			lsocyanic acid, polymethylene- polyphenylene ester (P-MDI)	>= 30 - < 50 %				
US St	State Regulations							
Penn	sylvania Right To Kno	vania Right To Know						
	Diphenylmethane-4,4'- Isocyanic acid, polyme			101-68-8 9016-87-9				
New Jersey Right To Know		v						
	Diphenylmethane Isocyanic acid, po Methylenedipheny	lymeth	ylenepolyphenyler	ne ester (P-MDI)	101-68-8 9016-87-9 26447-40-5			
The ingredients of this product are reported in the following inventories:				ories:				
TSCA	ι.	ä		A Inventory or are in	t are either listed as compliance with a			
DSL		(nponents listed on the s are on the Canadian			

SECTION 16. OTHER INFORMATION

Further information



AICS - Australian Inventory of Chemical Substances; 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

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	03/02/2021	00000260309	Date of first issue: 03/02/2021

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; 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

Revision Date

03/02/2021

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Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	03/02/2021	00000260309	Date of first issue: 03/02/2021

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