Versio 1.0	'n	Revision Date: 07/21/2020		DS Number: 00000861830	Date of last issue: - Date of first issue: 07/21/2020			
SECTI	ION 1	. IDENTIFICATION						
	Product name Product code		:	<ul> <li>MasterEmaco T 1061DR</li> <li>00000000050548327 00000000050548327</li> </ul>				
М	lanufa	acturer or supplier's	deta	ails				
	Company name of supplier Address		:	Master Builders-Construction Systems US, LLC 23700 CHAGRIN BLVD Beachwood OH 44122				
E	Emergency telephone		:	ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract Number MIS9240420				
R	ecom	mended use of the c	her	nical and restriction	ons on use			
Recommended use Restrictions on use		:	Product for construction chemicals Reserved for industrial and professional use.					
SECTI	ION 2	. HAZARDS IDENTIFI	CA	TION				
G	HS cl	assification in accor	dan	ce with 29 CFR 19	010.1200			
S	kin co	prrosion/irritation	:	: 2				
	Serious eye damage/eye irritation			1				

Carcinogenicity (Inhalation)	:	1A (Lung)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	2 (Kidney, Immune system)
Specific target organ toxicity - single exposure	:	3
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	1
GHS label elements		
Hazard pictograms	:	

Signal Word	: Danger
Hazard Statements	<ul> <li>H373 May cause damage to organs (immune system, kidney) through prolonged or repeated exposure (inhalation).</li> <li>H318 Causes serious eye damage.</li> <li>H315 Causes skin irritation.</li> <li>H335 May cause respiratory irritation.</li> <li>H350 May cause cancer.</li> <li>H372 Causes damage to organs through prolonged or repeated</li> </ul>

### SAFETY DATA SHEET

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		exposure if inha	aled.
Preca	utionary Statements	face protection. P201 Obtain sp P271 Use only P260 Do not br P202 Do not ha and understood P270 Do not ea	pecial instructions before use. outdoors or in a well-ventilated area. reathe dust or mist. andle until all safety precautions have been read
		for several minu to do. Continue P304 + P340 IF keep comfortab P303 + P352 IF and water. P362 + P364 T reuse.	<ul> <li>INHALED: Remove person to fresh air and ble for breathing.</li> <li>ON SKIN (or hair): Wash with plenty of soap ake off contaminated clothing and wash it before</li> <li>exposed or concerned: Call a POISON</li> </ul>
		<b>Storage:</b> P403 + P233 S tightly closed. P405 Store locl	tore in a well-ventilated place. Keep container ked up.
		<b>Disposal:</b> P501 Dispose of waste collection	of contents/container to appropriate hazardous

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: No applicable information available.

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 5 - < 10
Quartz (SiO2)	14808-60-7	>= 50 - < 75
Calcium sulphate	7778-18-9	>= 5 - < 7
Silicon dioxide	7631-86-9	>= 0.3 - < 3

### **SECTION 4. FIRST AID MEASURES**

General advice

: Move out of dangerous area.

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		ance.	sician. erial safety data sheet to the doctor in attend- he victim unattended.				
If inhaled			: Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical				
In case of skin contact		: If skin irritatior If on skin, rins	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.				
In ca	se of eye contact	: Small amount sue damage a In the case of of water and s Continue rinsi Remove conta Protect unhan Keep eye wide	s splashed into eyes can cause irreversible tis- ind blindness. contact with eyes, rinse immediately with plenty eek medical advice. ng eyes during transport to hospital. act lenses.				
lf swa	allowed	: Keep respirato Do NOT induc Do not give m Never give an If symptoms p	bry tract clear.				
and e delay		: None known.					
Note	s to physician	: Treat symptor	natically.				

#### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Unsuitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (CO2) High volume water jet
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Further information		Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :	Use personal protective equipment.
tive equipment and emer-	Avoid dust formation.
gency procedures	Avoid breathing dust.
	Ensure adequate ventilation.

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E	Environmental precautions		Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.			
	Methods and materials for containment and cleaning up		Neutralize with acid. Keep in suitable, closed containers for disposal.			
SECTI	ON 7. HANDLING AND ST	OR	AGE			
	Advice on protection against fire and explosion		Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.			
A	dvice on safe handling	:	Do not breathe va Avoid exposure - Avoid contact with For personal prote Smoking, eating a plication area. Provide sufficient	obtain special instructions before use.		
С	Conditions for safe storage		Keep container tig place. Observe label pre	ions / working materials must comply with		
	Further information on stor- age conditions		Containers should be stored tightly sealed in a dry place.			
Μ	Materials to avoid		Segregate from m Segregate from a Segregate from o Segregate from fo	cids and bases.		
	urther information on stor- ge stability	:	No decompositior	if stored and applied as directed.		

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Silicon dioxide	7631-86-9	REL value	6 mg/m3	NIOSH
		TWA value	6 mg/m3	29 CFR
				1910.1000
				(Table Z-1-A)
		TWA value	20 millions of	29 CFR
			particles per cubic	1910.1000

### Ingredients with workplace control parameters

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				foot of air	(Table Z-3
			TWA value	0.8 mg/m3	29 CFR 1910.1000 (Table Z-3
			TWA (Dust)	20 Million parti- cles per cubic foot (Silica)	OSHA Z-3
			TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH RE
			TWA	6 mg/m3 (Silica)	NIOSH RE
Calciu	ım sulphate	7778-18-9	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTL\
			REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1
			TWA (Res- pirable)	5 mg/m3	NIOSH RE
			TWA (total) TWA (total dust)	10 mg/m3 15 mg/m3	NIOSH RE OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Inhal- able particu- late matter)	10 mg/m3 (Calcium)	ACGIH
Ceme	nt, portland, chemicals	65997-15-1	TWA value (Respirable fraction)	1 mg/m3	ACGIHTL\
			REL value (Total)	10 mg/m3	NIOSH
			REL value	5 mg/m3	NIOSH

ersion D	Revision Date: 07/21/2020	SDS Number: 000000861830	Date of las Date of firs	t issue: - t issue: 07/21/2020	
Ì			(Respirable)		
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA value	50 millions of particles per cubic foot of air	29 CFR 1910.1000 (Table Z-3)
			TWA (Res- pirable par- ticulate mat- ter)	1 mg/m3	ACGIH
			TWA (Res- pirable)	5 mg/m3	NIOSH REL
			TWA (total)	10 mg/m3	NIOSH REL
			TWA (total dust)	15 mg/m3	OSHA Z-1
			TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	10 mg/m3	OSHA P0
			TWÁ (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Dust)	50 Million parti- cles per cubic foot	OSHA Z-3
Quart	iz (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
			REL value (Respirable dust)	0.05 mg/m3	NIOSH
			TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
			TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
			TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
			TWA (respir- able dust	0.1 mg/m3	OSHA P0

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				fraction) TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH		
				PEL (respir- able) TWA (Res-	0.05 mg/m3 0.05 mg/m3	OSHA CARC		
				pirable dust)	(Silica)	NIOSH REL		
Eng	ineering measures	:	Provide local e P.E.L.	exhaust ventilat	ion to maintain recon	nmended		
Pers	sonal protective equip	ment						
Res	piratory protection	:		Breathing protection if dusts are formed. Wear a NIOSH-certified (or equivalent) particulate respirator.				
Han	d protection							
F	Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.			iscussed		
Eye	protection	:	<ul> <li>Eye wash bottle with pure water</li> <li>Tightly fitting safety goggles</li> <li>Wear face-shield and protective suit for abnormal processing problems.</li> </ul>					
Skin	and body protection	:	Choose body		rding to the amount a			
Protective measures : Avoid contact with the skir Avoid inhalation of dusts. In order to prevent contar working clothes and worki Handle in accordance with and safety practice. Hygiene measures : When using do not eat or		with the skin, ey on of dusts. event contamina es and working g ordance with go actice. o not eat or drin	yes and clothing. tion while handling, c gloves should be use od building materials	closed d.				
			When using do not smoke. Wash hands before breaks and at the end of workday.					
SECTION	N 9. PHYSICAL AND CI	IEMI	CAL PROPER	TIES				
Арр	earance	:	: powder to fine granules					
Colo	or	:	: gray					
Odo	Odor Threshold : Not determin			ed due to poten	tial health hazard by	inhalation.		

- : 13.0 (68.00 °F / 20.00 °C)
  - : No applicable information available.
- Flash point
   :
   > 201.20 °F / > 94.00 °C
  - does not flash
- Evaporation rate : No applicable information available.
- Flammability (solid, gas) : not determined

pН

Boiling point

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	Self-igr	nition	:	not self-igniting	
		explosion limit / Upper ability limit	:	knowledge of its	experience with this product and our composition we do not expect any hazard as act is used appropriately and in accordance use.
	Lower explosion limit / Lower flammability limit		:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard long as the product is used appropriately and in accordance with the intended use.	
	Vapor	pressure	:	No applicable inf	ormation available.
	Relativ	e vapor density	:	No applicable inf	ormation available.
	Relativ	e density	:	No applicable inf	ormation available.
	Bulk de	ensity	:	1,600.0000 kg/m	3 (68.00 °F / 20.00 °C)
	Solubili Wat	ity(ies) ter solubility	:	partly soluble	
	Solu	ubility in other solvents	:	No applicable inf	ormation available.
	Partitio octano	n coefficient: n-	:	No applicable inf	ormation available.
		nition temperature	:	not applicable	
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi Visc	ity cosity, dynamic	:	No applicable inf	ormation available.
	Viso	cosity, kinematic	:	No applicable inf	ormation available.
	Explosi	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	not fire-propagati	ng
	Sublim	ation point	:	No applicable inf	ormation available.
	Molecu	ılar weight	:	No data available	Э.

### SECTION 10. STABILITY AND REACTIVITY

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Haza produ	rdous decomposition	Strong acids : No hazardous as prescribed/i	decomposition products if stored and handled ndicated.

#### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

#### Product:

Remarks

: Chromate in this product has been reduced. Sensitization due to chromate within stated shelf-live is unlikely.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

May cause cancer.

#### Reproductive toxicity

Not classified based on available information.

#### STOT-single exposure

May cause respiratory irritation.

#### STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure.

#### Aspiration toxicity

Not classified based on available information.

#### **Further information**

### Product:

Remarks

: Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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ECTION	12. ECOLOGICAL INF	ORI	MATION	
Ecote	oxicity			
Prod	uct:			
Ecote	oxicology Assessment	:		
Acute	e aquatic toxicity	:	This product has	no known ecotoxicological effects.
Chroi	nic aquatic toxicity	:	This product has	no known ecotoxicological effects.
Persi	stence and degradabil	lity		
<u>Prod</u>	uct:			
Biode	egradability	:	Remarks: Not ap	plicable for inorganic substances.
Bioa	ccumulative potential			
Prod	uct:			
Bioac	cumulation	:		oduct will not be readily bioavailable due to nd insolubility in water.
Com	ponents:			
Cem	ent, portland, chemica	ls:		
	ion coefficient: n- ol/water	:	GLP: no Remarks: not ap	blicable
Quar	tz (SiO2):			
	ion coefficient: n- ol/water	:	Remarks: not ap	blicable
	um sulphate:			
	ion coefficient: n- ol/water	:		lue has not been determined because the ganic.
Silico	on dioxide:			
	ion coefficient: n- ol/water	:	Remarks: not ap	blicable
Mobi	lity in soil			
<u>Prod</u>	uct:			
	bution among environ- al compartments	:	particles is proba is not expected.	ing exposure to soil, adsorption to solid soil ble, therefore contamination of groundwate ill not evaporate into the atmosphere from

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Other	adverse effects				
Produ	<u>ct:</u>				
Result	s of PBT and vPvB sment	to be either pe very persistent	: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
Additional ecological infor- mation		harmful to aqu The product ha	harmful to aquatic organisms. The product has not been tested. The statements on ecotoxi- cology have been derived from the properties of the individual		

#### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	: Do not contaminate ponds, waterways or ditches with chemi- cal or used container.
	Dispose of in accordance with national, state and local regula- tions.
	Do not discharge into drains/surface waters/groundwater.
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**

#### 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**

#### **US State Regulations**

#### Pennsylvania Right To Know

Silicon dioxide Calcium sulphate Cement, portland, chemicals 7631-86-9 7778-18-9 65997-15-1

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	Quartz (SiO2)		14808-60-7
New	Jersey Right To Know	w	
	Calcium sulphate	1	7778-18-9
	Cement, portland	, chemicals	65997-15-1
	Quartz (SiO2)		14808-60-7
	Lithium carbonate	e	554-13-2
Califo	ornia Prop. 65		

WARNING: This product can expose you to chemicals including Quartz (SiO2), which is/are known to the State of California to cause cancer, and

Lithium carbonate, 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.

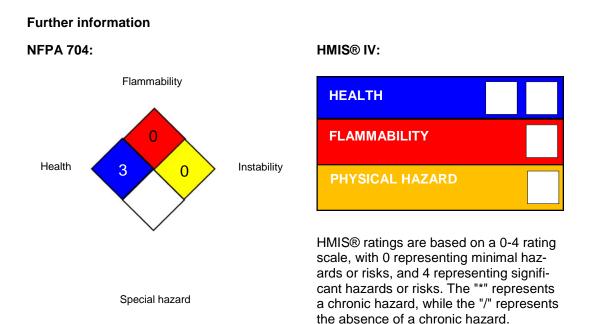
#### The ingredients of this product are reported in the following inventories:

:

TOCA
IJUA

All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

#### **SECTION 16. OTHER INFORMATION**



#### Full text of other abbreviations

29 CFR 1910.1000 (Table Z- 1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
29 CFR 1910.1000 (Table Z- 1)	:	OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
29 CFR 1910.1000 (Table Z- 3)	:	OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000
29 CFR 1910.1001-1050	:	OSHA - Specifically Regulated Substances (29 CFR 1910.1001-1050)

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ACGIH ACGIH		:		eshold Limit Values (TLV) ence of Governmental Industrial Hygienists - ues (US)
NIOSH	1	:		uide to Chemical Hazards (US)
NIOSH		:		ommended Exposure Limits
OSHA	CARC	:		regulated Chemicals/Carcinogens
OSHA	P0	:	USA. OSHA - TAI 1910.1000	BLE Z-1 Limits for Air Contaminants -
OSHA	Z-1	:	USA. Occupationation	al Exposure Limits (OSHA) - Table Z-1 Lim- inants
OSHA	Z-3	:		al Exposure Limits (OSHA) - Table Z-3 Min-
	R 1910.1000 (Table Z- TWA value	:	Time Weighted Av	verage (TWA):
	R 1910.1000 (Table Z-	:	Permissible expos	sure limit
29 CFI	R 1910.1000 (Table Z- VA value	:	Time Weighted Av	verage (TWA):
29 CFI	R 1910.1001-1050 / Action level	:	OSHA Action leve	91:
	R 1910.1001-1050 /	:	Time Weighted Av	verage (TWA):
	I/TWA	:	8-hour, time-weig	hted average
ACGIF	ITLV / TWA value	:	Time Weighted A	
NIOSH	I / REL value	:		kposure limit (REL):
	I REL / TWA	:	Time-weighted av	erage concentration for up to a 10-hour 40-hour workweek
OSHA	CARC / PEL	:	Permissible expos	
OSHA	P0 / TWA	:	8-hour time weigh	
OSHA	Z-1 / TWA	:	8-hour time weigh	
OSHA	Z-3 / TWA	:	8-hour time weigh	ited average

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 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, Bioaccumu-

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lative 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

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