

Version: 2.1

Revision Date: 01/10/2018

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Contec WR-650

Chemical Name : Mixture of organomodified siloxanes and inorganic fillers

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended use(s) : None known.

1.3. Details of the supplier of the safety data sheet

Company :
Innovative Concrete Technology, LLC
92 Thomas Rd
Port Murray NJ 07865
USA

Telephone : +1 (908) 453-2737

Telefax : +1 (908) 453-3634

E-mail : Info@bestadmix.com

1.4. Emergency telephone number

Emergency Information : Non-Emergency Phone Number : (800) 732-5616
In case of emergency call CHEMTREC US: 1-800-424-9300, CHEMTREC WORLD:
1-703-527-3887.

24 HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC - US & CANADA toll free: +1-800-424-9300
CHEMTREC - MEXICO toll free: 01-800-681-9531
CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 29CFR 1910.1200

Skin irritation Category 2 H315

2.2. Label elements

Symbol:



Signal word : Warning

hazard statement : H315 - Causes skin irritation.

Precautionary Statement (Prevention) : P280 - Wear protective gloves.
P262 - Do not get in eyes, on skin, or on clothing.

Version: 2.1

Revision Date: 01/10/2018

Precautionary Statement (Response) : P302 + P352 - IF ON SKIN: Wash with plenty of water/ soap.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

None known

3. Composition/information on ingredients**Classification according to Regulation 29CFR 1910.1200**

Chemical Name	NJ Trade secrets CAS-No.	Concentration	Classification
Silica, Amorphous	- 7631-86-9	>= 50 % - < 75 %	H315, 2 , Skin Irrit.
Triethoxyoctyl-Silane	- 2943-75-1	>= 25 % - < 50 %	

Texts of H phrases, see in Chapter 16

4. First aid measures**4.1. Description of first aid measures**

General advice : Remove contaminated clothing.
 Inhalation : Ensure supply of fresh air.
 Skin contact : In case of contact with skin wash off with soap and water.
 Consult a doctor if skin irritation persists.
 Eye contact : In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist,
 seek medical advice.
 Ingestion : In the event of symptoms seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media : Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:
 - Carbon monoxide, carbon dioxide, silicon dioxide

5.3. Advice for firefighters

Use self-contained breathing apparatus and wear protective suit

Version: 2.1

Revision Date: 01/10/2018

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment.
Avoid dust formation.

6.2. Environmental precautions

Do not allow to enter drains or waterways
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Pick up mechanically
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling : Avoid the formation and deposition of dust.
Provide good ventilation of working area (local exhaust ventilation if necessary).
Handling : no data available
Hygiene measures : Remove soiled or soaked clothing immediately.
Keep away from foodstuffs and beverages.
Wash hands before breaks and after work.
General protective measures : Avoid contact with skin

7.2. Conditions for safe storage, including any incompatibilities**Prevention of fire and explosion**

Information : Keep away from sources of ignition - no smoking
Take precautionary measures against electrostatic loading.

Storage

Information : none

Further information on storage conditions : Keep container tightly closed in a cool, well-ventilated place

Version: 2.1

Revision Date: 01/10/2018

8. Exposure controls/personal protection**8.1. Control parameters****Exposure limit(s)**

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term
Silica, Amorphous	7631-86-9	ACGIH (2004)	TWA	10 mg/m3	
		ACGIH (2004)	TWA	3 mg/m3	
		ACGIH (2004)	TWA	10 mg/m3	
		OSHA Z1 (06 1993)	PEL	5 mg/m3	
		OSHA Z1 (06 1993)	PEL	15 mg/m3	

8.2. Exposure controls**Engineering controls****Personal protective equipment**

Eye protection : goggles with side pieces

Hand protection : Rubber gloves

Body Protection : light protective clothing

Respiratory protection : in case of formation of vapours/dusts:
Short term: filter apparatus, Filter P2

Version: 2.1

Revision Date: 01/10/2018

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: solid
Form	: Powder
Colour	: white
Odour	: slight, typical
Odour Threshold	: not measured
pH	: not determined
Melting point	: not measured
Boiling point	: not measured
Flash point	: not determined
Evaporation rate	: not measured
Flammability	: no data available
Upper Explosion/Ignition Limit	: not measured
Lower explosion limit	: not measured
Vapour pressure	: not measured
Relative vapour density	: not measured
Relative density	: no data available
Solubility	: not measured
Water solubility	: insoluble
Partition coefficient (n-octanol/water)	: not measured
Autoignition temperature	: not measured
Thermal decomposition	: not measured
Viscosity, kinematic	: no data available
Viscosity, dynamic	: not applicable
Explosive properties	: not measured
Oxidising properties	: not measured

Version: 2.1

Revision Date: 01/10/2018

9.2. Other information

Density	: not determined
Bulk density	: 400 kg/m ³
Metal corrosion	: not measured
Ignition temperature	: not measured
Minimum ignition energy	: > 3 - < 10 mJ
Other information	:

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

10.4. Conditions to avoid

Unknown

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

None with proper storage and handling.

Version: 2.1

Revision Date: 01/10/2018

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation) : no data available

Acute toxicity (dermal) : no data available

Irritation/corrosion of the skin : no data available

Serious eye damage/ eye irritation : no data available

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Aspiration hazard : No Aspiration toxicity classification

Version: 2.1

Revision Date: 01/10/2018

12. Ecological information**Ecotoxicology Assessment**

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

12.1. Toxicity

Aquatoxicity, fish : no data available

Aquatoxicity, invertebrates : no data available
Aquatoxicity, algae / aquatic plants : no data available

Toxicity in microorganisms : no data available

chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates : no data available

Toxicity in organisms which live in the soil : no data available

Toxicity in terrestrial plants : no data available

Toxicity to Above-Ground Organisms : no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available

Physico-chemical removability : no data available

Biochemical Oxygen Demand (BOD) : no data available

Chemical Oxygen Demand (COD) : no data available

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Version: 2.1

Revision Date: 01/10/2018

Adsorbed organic
bound halogens
(AOX) : no data available

Distribution among
environmental
compartments : no data available

12.4. Bioaccumulative potential

Mobility in soil: distribution

12.5. Results of PBT and vPvB assessment

PBT and vPvB
assessment : no data available

12.6. Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

13.1. Waste treatment methods

Product
plant : In accordance with local authority regulations, take to special waste incineration

Contaminated
packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Not dangerous according to transport regulations.

- 14.1 UN number: --
14.2 UN proper shipping name: --
14.3 Transport hazard class(es): --
14.4 Packing group: --
14.5 Environmental hazards: --
14.6 Special precautions for user: No

Version: 2.1

Revision Date: 01/10/2018

15. Regulatory information

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION
 Class D, Division 2B
 This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Silica 7631-86-9

US regulations:

SARA Title III Section 311/312 Hazard Categories : Acute Health Hazard

State Right to Know : MASS RTK: YES
 • Silica, Amorphous (CAS-No.: 7631-86-9)

RH IS RTK: YES
 • Silica, Amorphous (CAS-No.: 7631-86-9)

NJ RTK: YES

• Silica, Amorphous (CAS-No.: 7631-86-9)

PENN RTK: YES

• Silica, Amorphous (CAS-No.: 7631-86-9)

SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

California Proposition : Notification : No

65 Statement This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

TSCA lists : TSCA 8D - Yes
 • siloxanes and silicones, di-Me (CAS-No.: 63148-62-9)

HMIS Ratings Health: 2
 Flammability: 0
 Reactivity: 0
 Personal Protection: X

Notification status

USA (TSCA) : listed/registered or exempted
 Canada (DSL) : listed/registered or exempted

Version: 2.1

Revision Date: 01/10/2018

16. Other information**List of references**

Other information : none
 Revision date : 12/01/2017

Relevant H phrases from chapter 3

H315 : Causes skin irritation.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Innovative Concrete Technology, LLC assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. INNOVATIVE CONCRETE TECHNOLOGY, LLC EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON -INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF INNOVATIVE CONCRETE TECHNOLOGY, LLC IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Innovative Concrete Technology, LLC reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Legend

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level

Version: 2.1

Revision Date: 01/10/2018

NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization