

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

1 Identification**Product identifier**Trade name: Sealfoam PURE

SDS ID Number: 2454

Relevant identified uses of the substance or mixture and uses advised against
Specialty construction product. Not intended for other uses**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**W.R. Grace & Co. -Conn.
62 Whittemore Avenue
Cambridge, MA 02140 USAGrace Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada**Information department:**Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)**2 Hazard(s) identification****Classification of the substance or mixture**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Suspected of causing cancer.

May cause damage to organs through prolonged or repeated exposure.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS07



GHS08

Danger

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PURE*

(Cont. from page 1)

Hazard-determining components of labeling:

Diphenylmethane-2,4'-diisocyanate
 Diphenylmethane-4,4'-di-isocyanate

Precautionary statements

Wear respiratory protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin: Wash with plenty of water.

If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

NFPA ratings (scale 0 - 4)

Health = 1

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *2

Flammability = 1

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with additional nonhazardous ingredients.**Hazardous components:**

112-15-2	DE Acetate	20-25%
5873-54-1	Diphenylmethane-2,4'-diisocyanate	10-20%
101-68-8	Diphenylmethane-4,4'-di-isocyanate	10-20%

Additional information: For the wording of the listed risk phrases refer to section 16.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact: Rinse cautiously with water for several minutes.

(Cont. on page 3)

USGHS

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PURE*

(Cont. from page 2)

After swallowing: Rinse mouth.**Information for doctor:****Most important symptoms and effects, both acute and delayed**

May cause sensitization by skin contact.

Irritating to eyes.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures**Special hazards arising from the substance or mixture** No further relevant information available.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Handling:****Precautions for safe handling**

Prevent formation of aerosols.

Avoid contact with skin.

Avoid contact with eyes.

Information about protection against explosions and fires: No special measures required.**Conditions for safe storage, including any incompatibilities****Storage:****Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:** Keep receptacle tightly sealed.

(Cont. on page 4)

USGHS

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PURE*

(Cont. from page 3)

Specific end use(s) No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:****101-68-8 Diphenylmethane-4,4'-di-isocyanate**

PEL (USA)	Ceiling limit value: 0.2 mg/m ³ , 0.02 ppm
REL (USA)	Long-term value: 0.05 mg/m ³ , 0.005 ppm Ceiling limit value: 0.2* mg/m ³ , 0.02* ppm *10-min
TLV (USA)	Long-term value: 0.051 mg/m ³ , 0.005 ppm

Additional information: The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not required.**Protection of hands:**

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing and wash before reuse.

USGHS

(Cont. on page 5)

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PRe*

(Cont. from page 4)

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic
Odour threshold:	Not determined.

pH-value (~) at 20 °C (68 °F): 8

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	100 °C (212 °F)

Flammability (solid, gaseous): Not applicable.

Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.

Explosion limits:

Lower:	0.4 Vol %
Upper:	Not determined.
VOC Content (max):	Not determined.

Vapor pressure:	Not determined.
Density: (~) at 20 °C (68 °F)	1.0 g/cm ³ (8.345 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

Solubility in / Miscibility with**Water:** Not miscible or difficult to mix.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not applicable.

Other information No further relevant information available.**10 Stability and reactivity****Reactivity** Stable under normal conditions.**Chemical stability****Thermal decomposition:** No decomposition if used according to specifications.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.

USGHS

(Cont. on page 6)

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PRe*

(Cont. from page 5)

11 Toxicological information**Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****101-68-8 Diphenylmethane-4,4'-di-isocyanate**

Oral	LD50	> 10000 mg/kg (rat)
Dermal	LD50	> 9400 mg/kg (rabbit)
Inhalative	LC50, 4h	0.49 mg/l (rat)

Primary irritant effect:**on the skin:** No irritating effect expected**on the eye:** Causes serious eye irritation.**inhalation:** Harmful by inhalation.**Sensitization:**

Sensitization possible through inhalation.

Sensitization possible through skin contact.

Additional toxicological information:**Carcinogenic categories****IARC (International Agency for Research on Cancer) Human Carcinogenicity:**
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

101-68-8 Diphenylmethane-4,4'-di-isocyanate

3

NTP (National Toxicology Program)**K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: *Sealfoam PURE*

(Cont. from page 6)

Other adverse effects No further relevant information available.**13 Disposal considerations****Waste treatment methods** Comply with Federal, State and local regulations.**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number**

DOT, ADR, ADN, IMDG, IATA Not applicable.

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Not applicable.

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA

Class Not applicable.

Packing group

DOT, ADR, IMDG, IATA Not applicable.

Environmental hazards:

Marine pollutant: No

Special precautions for user Not applicable.**Transport/Additional information:**

DOT

Remarks: Not Regulated.

15 Regulatory information**SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

101-68-8 | Diphenylmethane-4,4'-di-isocyanate | 17.7%

SARA Section 312/Tier I & II Hazard Categories:

Health Immediate (acute)	Yes
Health Delayed (chronic)	Yes
Flammable	No
Reactive	No

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 04/30/2015

Version Number 1.0

Reviewed on 04/30/2015

Trade name: Sealfoam PRe

Pressure

No

(Cont. from page 7)

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure

9082-00-2 Oxirane, methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)

9003-11-6 Oxirane, methyl-, polymer with oxirane

Proprietary Siloxane Polyalkyleneoxide - NJTSRN 801416083

Proprietary Polyalkylene Oxide NJTSRN 801416084

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity Categories**EPA (Environmental Protection Agency)**

101-68-8 Diphenylmethane-4,4'-di-isocyanate

D, CBD

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

16 Other information

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

Department issuing SDS:

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62 Whittemore Avenue
Cambridge, MA 02140 USA
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+1-800-354-5414

Date of preparation / last revision 04/30/2015 / -**The first date of preparation** 04/30/2015**Number of revision times and the latest revision date** 1.0 / 04/30/2015