



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Thermon Snaptrace® Heat Transfer Compound

Version number: 2.0  
Replaces version of: 2015-12-14 (GHS 1)

Revision: 2021-02-09

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name **Thermon Snaptrace® Heat Transfer Compound**  
Registration number (REACH) not relevant (mixture)

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses For use in heat tracing and various other applications to aid in the transfer of heat.

#### 1.3 Details of the supplier of the safety data sheet

Thermon Europe B.V.  
Boezemweg 25  
2641 KG Pijnacker  
PO Box: 205  
2640 AE  
Pijnacker  
Netherlands

Telephone: +31 15 3615 370  
e-mail: [info@thermon.com](mailto:info@thermon.com)  
Website: [www.thermon.com](http://www.thermon.com)

e-mail (competent person)

[SDS@thermon.com](mailto:SDS@thermon.com)

#### 1.4 Emergency telephone number

Emergency information service +01 (800) 820-4328 / +01 (512) 396-5801 / +01 (713) 205-2690 (24h)  
This number is only available during the following office hours: Mon-Fri 09:00 - 17:00

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)  
This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)  
Not required.

#### 2.3 Other hazards

Risk of thermal burns on contact with molten product. Hazards arising from this product are primarily present when product is in the uncured state or upon removal. Uncured product is an extruded thermoset material.

#### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.



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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

The product does not contain any ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section.

This product does not meet the criteria for classification in any hazard class according to GHS.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. In case of unconsciousness place person in the recovery position. Never give anything by mouth. In all cases of doubt, or when symptoms persist, seek medical advice.

##### Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

##### Following skin contact

Brush off loose particles from skin. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

##### Following eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms and effects are not known to date.

##### If inhaled

May cause respiratory irritation.

##### If on skin

May cause skin irritation.

##### If in eyes

Direct contact with eyes may cause temporary irritation.

##### If swallowed

May cause gastrointestinal irritation.

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

None.



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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray; Foam; Dry extinguishing powder; Carbon dioxide (CO<sub>2</sub>)

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

The product is not combustible. During fire hazardous fumes/smoke could be produced. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### 5.3 Advice for firefighters

Keep containers cool with water spray. In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

Self-contained breathing apparatus (EN 133). Standard protective clothing for firefighters.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Ventilate affected area. Control of dust.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Take up mechanically. Clean up by scraping or collecting, as material will be solid at room temperature.

Other information relating to spills and releases

Place in appropriate containers for disposal.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room.



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Version number: 2.0  
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Revision: 2021-02-09

### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Managing of associated risks

- explosive atmospheres  
Removal of dust deposits.
- flammability hazards  
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.
- incompatible substances or mixtures  
Keep away from alkalis, heavy metals and their salts, reducing agents, ammonium compounds, acids.

#### Control of effects

#### Protect against external exposure, such as

High temperatures. UV-radiation/sunlight.

#### Consideration of other advice

Store in a well-ventilated place. Keep container tightly closed. Store separately from acids, reactive metals and ammonium salts. Store in clean steel or plastic containers. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized steel containers.

- ventilation requirements  
Use local and general ventilation.
- specific designs for storage rooms or vessels
- storage temperature  
Room temperature

### 7.3 Specific end use(s)

There is no additional information.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

Occupational exposure limit values (Workplace Exposure Limits)									
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Notation	Source
GB	dust		WEL		10			i	EH40/2005
GB	dust		WEL		4			r	EH40/2005

#### Notation

- i inhalable fraction
- r respirable fraction
- STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
- TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

#### Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.



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Version number: 2.0  
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### 8.2 Exposure controls

Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection



Use safety goggle with side protection (EN 166).

Skin protection

Protective clothing (EN 340 & EN ISO 13688).

- hand protection



Chemical protection gloves are suitable, which are tested according to EN 374. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- breakthrough times of the glove material

Use gloves with a minimum breakthrough times of the glove material: >480 minutes (permeation: level 6).

- other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Provide eyewash stations and safety showers at the workplace.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Particulate filter device (EN 143).

Environmental exposure controls

Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	solid
Colour	black
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	214 - 216 °C
Flammability	non-combustible
Lower and upper explosion limit	LEL: UEL: not determined
Flash point	not applicable
Auto-ignition temperature	not determined
Decomposition temperature	not relevant



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pH (value)	not applicable
Kinematic viscosity	not relevant
Solubility(ies)	not determined
Partition coefficient n-octanol/water (log value)	this information is not available
Vapour pressure	156 mmHg at 61.5 °C
Density	not determined
Particle characteristics	no data available

### 9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics	there is no additional information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Temperatures above intended use range (204 °C (400 °F)).

#### Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

### 10.5 Incompatible materials

Acids. Oxidisers.

### 10.6 Hazardous decomposition products

May form vinyl acetate, acetic acid, nitrogen oxides, carbon dioxide, carbon monoxide, and various hydrocarbons including organic acids, aldehydes, and alcohols if exposed to temperatures beyond its intended exposure level.



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Version number: 2.0  
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Revision: 2021-02-09

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

##### Acute toxicity

Shall not be classified as acutely toxic.

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

##### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

##### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

##### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

#### 11.2 Information on other hazards

There is no additional information.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.



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### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

### 12.7 Other adverse effects

The alkalinity of this material will have a local effect on ecosystems sensitive to changes in pH.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of cured compound in an industrial waste facility or landfill having appropriate permits. Alternately, cured compound may be disposed of in a waste incineration facility having proper permitting. Prevent discharges to streams or sewer systems.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment.

#### Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

- |  |   |
|--|---|
| 14.1 UN number or ID number                                  | not subject to transport regulations                                  |
| 14.2 UN proper shipping name                                 | not assigned  |
| 14.3 Transport hazard class(es)                              | none  |
| 14.4 Packing group   | not assigned  |
| 14.5 Environmental hazards                                   | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user                            | There is no additional information.                                   |
| 14.7 Maritime transport in bulk according to IMO instruments | The cargo is not intended to be carried in bulk.                      |

### Information for each of the UN Model Regulations

#### Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - additional information

not assigned

#### International Maritime Dangerous Goods Code (IMDG) - additional information

Not subject to IMDG.

#### International Civil Aviation Organization (ICAO-IATA/DGR) - additional information

Not subject to ICAO-IATA.





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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Relevant provisions of the European Union (EU)

##### Restrictions according to REACH, Annex XVII

None of the ingredients are listed.

##### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

##### Seveso Directive

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

##### Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

##### Water Framework Directive (WFD)

None of the ingredients are listed.

##### Regulation 98/2013/EU on the marketing and use of explosives precursors

None of the ingredients are listed.

#### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

### SECTION 16: Other information

#### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)
1.3	Details of the supplier of the safety data sheet: Thermon Europe B.V. Boezemweg 25 2641 KG Pijnacker PO Box: 205 2640 AE Netherlands  Telephone: +31 15 3615 316 Telefax: e-mail: info@thermon.com Website: www.thermon.com	Details of the supplier of the safety data sheet: Thermon Europe B.V. Boezemweg 25 2641 KG Pijnacker PO Box: 205 2640 AE Pijnacker Netherlands  Telephone: +31 15 3615 370 e-mail: info@thermon.com Website: www.thermon.com
1.4		Emergency information service: +01 (800) 820-4328 / +01 (512) 396-5801 / +01 (713) 205-2690 (24h) This number is only available during the following office hours: Mon-Fri 09:00 - 17:00
2.1	Classification according to Regulation (EC) No 1272/2008 (CLP)	Classification according to Regulation (EC) No 1272/2008 (CLP): This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.



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Section	Former entry (text/value)	Actual entry (text/value)
2.1	Remarks: For full text of H-phrases: see SECTION 16.	
2.1	Supplemental hazard information: Hazards arising from this product are primarily present when product is in the uncured state. Once hardened, the compound is non-hazardous; however dust that may result from mechanical disturbance can be hazardous.	
2.1	The most important adverse physicochemical, human health and environmental effects: Delayed or immediate effects can be expected after short or long-term exposure. Spillage and fire water can cause pollution of watercourses.	
2.2	Signal word: Warning	
2.2	Hazardous ingredients for labelling: Respirable Crystalline Silica	
3.2	Mixtures	Mixtures: The product does not contain any ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section. This product does not meet the criteria for classification in any hazard class according to GHS.
4.1	General notes: Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.	General notes: Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. In case of unconsciousness place person in the recovery position. Never give anything by mouth. In all cases of doubt, or when symptoms persist, seek medical advice.
4.1	Following inhalation: If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.	Following inhalation: Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.
4.1	Following skin contact: Brush off loose particles from skin. - Rinse skin with water/shower.	Following skin contact: Brush off loose particles from skin. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
4.1	Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.	Following eye contact: Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
4.1	Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.	Following ingestion: Rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor if you feel unwell.
4.2		If inhaled: May cause respiratory irritation.
4.2		If on skin: May cause skin irritation.
4.2		If in eyes: Direct contact with eyes may cause temporary irritation.
4.2		If swallowed: May cause gastrointestinal irritation.



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Section	Former entry (text/value)	Actual entry (text/value)
5.1	Suitable extinguishing media: the product is not combustible, co-ordinate firefighting measures to the fire surroundings	Suitable extinguishing media: Water spray; Foam; Dry extinguishing powder; Carbon dioxide (CO <sub>2</sub> )
5.2	Hazardous combustion products: carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> )	Hazardous combustion products: The product is not combustible. During fire hazardous fumes/smoke could be produced. Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
5.3	Advice for firefighters: In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.	Advice for firefighters: Keep containers cool with water spray. In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.
5.3		Special protective equipment for firefighters: Self-contained breathing apparatus (EN 133). Standard protective clothing for firefighters.
6.1	For non-emergency personnel: Remove persons to safety.	For non-emergency personnel: Remove persons to safety. Ventilate affected area. Control of dust.
6.1	For emergency responders: Wear breathing apparatus if exposed to vapours/dust/spray/gases.	For emergency responders: Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.
6.3	Advices on how to clean up a spill: Take up mechanically. Wipe up with absorbent material (e.g. cloth, fleece).	Advice on how to clean up a spill: Take up mechanically. Clean up by scraping or collecting, as material will be solid at room temperature.
6.3	Other information relating to spills and releases: Place in appropriate containers for disposal. Ventilate affected area.	Other information relating to spills and releases: Place in appropriate containers for disposal.
7.1	• Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas.	- measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.
7.1		Specific notes/details: Dust deposits may accumulate on all deposition surfaces in a technical room.
7.2		- explosive atmospheres: Removal of dust deposits.
7.2		- flammability hazards: Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.
7.2	Incompatible substances or mixtures: Keep in a cool, well-ventilated place away from acids, alkalis, heavy metal salts and reducing substances. Ammonium compounds.	- incompatible substances or mixtures: Keep away from alkalis, heavy metals and their salts, reducing agents, ammonium compounds, acids.
7.2		Protect against external exposure, such as: High temperatures. UV-radiation/sunlight.



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## Thermon Snaptrace® Heat Transfer Compound

Version number: 2.0  
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Revision: 2021-02-09

Section	Former entry (text/value)	Actual entry (text/value)
7.2	Consideration of other advice	Consideration of other advice: Store in a well-ventilated place. Keep container tightly closed. Store separately from acids, reactive metals and ammonium salts. Store in clean steel or plastic containers. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized steel containers.
7.2		Storage temperature: Room temperature
8.2	Appropriate engineering controls: General ventilation.	Appropriate engineering controls: Provide adequate general and local exhaust ventilation.
8.2	Skin protection	Skin protection: Protective clothing (EN 340 & EN ISO 13688).
8.2	<ul style="list-style-type: none"> <li>hand protection:</li> </ul> Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.	Hand protection: safety gloves must be worn  Chemical protection gloves are suitable, which are tested according to EN 374. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
8.2	<ul style="list-style-type: none"> <li>type of material:</li> </ul> NR: natural rubber, latex	
8.2	<ul style="list-style-type: none"> <li>other protection measures:</li> </ul> Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.	<ul style="list-style-type: none"> <li>other protection measures:</li> </ul> Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Provide eye-wash stations and safety showers at the workplace.
8.2	Respiratory protection: In case of inadequate ventilation wear respiratory protection. Particulate filter device (EN 143). P3 (filters at least 99,95 % of airborne particles, colour code: White).	Respiratory protection: In case of inadequate ventilation wear respiratory protection. Particulate filter device (EN 143).
8.2	Environmental exposure controls: Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.	Environmental exposure controls: Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.
9.1	Physical state: liquid (paste)	Physical state: solid
10.1	Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".	Reactivity: This material is not reactive under normal ambient conditions.
10.2	Chemical stability: See below "Conditions to avoid".	Chemical stability: The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.4	Conditions to avoid: High temperature will cause a hardening effect that is intended per the use of product.	Conditions to avoid: Temperatures above intended use range (204 °C (400 °F)).
10.4		Hints to prevent fire or explosion: The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.



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Version number: 2.0

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10.5	Incompatible materials: the uncured compound turns to a gel and generates heat when mixed with acid. The compound may react with ammonium salts resulting in evolution of ammonia gas. The compound can react with sugar residues to form carbon monoxide.	Incompatible materials: Acids. Oxidisers.
10.6	Hazardous decomposition products: Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Compound may decompose when mixed with acids releasing silicic acid.	Hazardous decomposition products: May form vinyl acetate, acetic acid, nitrogen oxides, carbon dioxide, carbon monoxide, and various hydrocarbons including organic acids, aldehydes, and alcohols if exposed to temperatures beyond its intended exposure level.
11.1	Classification according to GHS (1272/2008/EC, CLP)	Classification according to GHS (1272/2008/EC, CLP): This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.
11.1	Summary of evaluation of the CMR properties: Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant. In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003). So there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting the existing regulatory occupational exposure limits and implementing additional risk management measures where required (see section 16 below).	
11.1		Germ cell mutagenicity: Shall not be classified as germ cell mutagenic.
11.1		Carcinogenicity: Shall not be classified as carcinogenic.
11.1		Reproductive toxicity: Shall not be classified as a reproductive toxicant.
11.1	• Specific target organ toxicity - repeated exposure: May cause damage to organs through prolonged or repeated exposure.	Specific target organ toxicity - repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure).



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Thermon Snaptrace® Heat Transfer Compound

Version number: 2.0

Revision: 2021-02-09

Replaces version of: 2015-12-14 (GHS 1)

Section	Former entry (text/value)	Actual entry (text/value)
11.1	<p>Other information:            Hazards arising from this product are primarily present when product is in the uncured state. Once hardened, the compound is non-hazardous; however dust that may result from mechanical disturbance can be hazardous. Once hardened, the compound is non hazardous. Cutting, grinding, crushing, or drilling hardened compound may generate dust containing silica, graphite, and/or inorganic colorant. The dust may irritate the nose, throat, and respiratory tract. Coughing, sneezing, chest pain, shortness of breath, inflammation of mucous membrane, and flu-like fever may occur following exposures in excess of appropriate exposure limits. Pre-existing respiratory conditions may be aggravated when in the presence of dust.</p>	
12.1	<p>Toxicity:            May cause long lasting harmful effects to aquatic life.</p>	<p>Toxicity:            Shall not be classified as hazardous to the aquatic environment.</p>
12.1	<p>Aquatic toxicity (chronic):            May cause long-term adverse effects in the aquatic environment.</p>	
12.2	<p>Persistence and degradability:            This material is not persistent in aquatic systems. It is high in pH,(when undiluted and/or not neutralized) which is acutely harmful to aquatic life. Diluted material rapidly de-polymerizes to yield dissolved silica (not distinguishable from natural dissolved silica). It does not contribute to BOD. This material does not bio-accumulate except in species that use silica as a structural material such as siliceous sponges and diatoms. The addition of excess dissolved silica over the limiting concentrations will not stimulate the growth of diatom populations. Neither silica nor sodium will appreciably bio-concentrate up the food chain.</p>	<p>Persistence and degradability:            Data are not available.</p>
12.6	<p>Endocrine disrupting potential:            The mixture contains substance(s) with an endocrine disrupting potential.</p>	<p>Endocrine disrupting properties:            None of the ingredients are listed.</p>
13.1	<p>Waste treatment methods</p>	<p>Waste treatment methods:            Dispose of cured compound in an industrial waste facility or landfill having appropriate permits. Alternately, cured compound may be disposed of in a waste incineration facility having proper permitting. Prevent discharges to streams or sewer systems.</p>
13.1	<p>Sewage disposal-relevant information:            Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.</p>	<p>Sewage disposal-relevant information:            Do not empty into drains. Avoid release to the environment.</p>
16	<p>Key literature references and sources for data:            - Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU            - Regulation (EC) No. 1272/2008 (CLP, EU GHS)</p>	<p>Key literature references and sources for data:            Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).</p>



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Section	Former entry (text/value)	Actual entry (text/value)
16	<p>Training advice:</p> <p>A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which receives the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from <a href="http://www.nepsi.eu">http://www.nepsi.eu</a> and provide useful information and guidance for the handling of products containing respirable crystalline silica. Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers.</p>	
16	<p>Disclaimer:</p> <p>Data is presented in good faith and is based on the present state of our knowledge. It is intended to describe the compound with regard to the appropriate safety precautions. This information is not intended to be a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable.</p> <p>However, users should review these recommendations in the specific context of the intended use and determine whether they are appropriate.</p>	<p>Disclaimer:</p> <p>This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.</p>

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EH40/2005	EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LEL	Lower explosion limit (LEL)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration



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## Thermon Snaptrace® Heat Transfer Compound

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Abbr.	Descriptions of used abbreviations
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
UEL	Upper explosion limit (UEL)
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.