

**SAFETY DATA SHEET**

Prepared according to the European Commission Regulations (EU) 2020/878

**TRADE NAME:** Warmotech® 550/ Warmotech® 700**MANUFACTURER:** UAB Warmotech, Elektrėnų str. 16, Kaunas, Lithuania**Date of filling:** 02 05 2023**Last revision date:** –**Version No.:** 1

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## SAFETY DATA SHEET

### Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. PRODUCT IDENTIFIER

**Product name:** Warmotech® 550/ Warmotech® 700**Mixture a unique formula identifier (UFI):** –.

#### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Relevant identified uses:** Solid thermal insulation panels made of pressed rigid polyurethane foam.**Uses advised against:** No data available.

#### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Manufacturer/Supplier:**

UAB WARMOTECH

Elektrėnų str. 16, Kaunas, Lithuania

Tel. +370 662 30008

**Electronic mail address of the person, responsible for the safety data sheet:**

E-mail: info@warmotech.lt

#### 1.4. EMERGENCY TELEPHONE NUMBER

Poison Control Centre (Austria)

Tel. No.: +43 1 406 4343

Antigif Centrum Centre Antipoisons (Belgium)

Tel. No.: +32 070 245 245

National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov"  
(Bulgaria)

Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia)

Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic)

Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark)

Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia)

Tel. No.: +372 794 3794 (or 16662 national)

Poison Information Centre (Finland)

Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)

Tel. No.: +33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary)

Tel. No.: +36 80 20 11 99

Poison Centre (Iceland)

Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)

Tel. No.: +39 02 66101029

CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA

Tel. No.: +39 06 68593726

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Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)  
Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania)  
Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta)  
Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands)  
Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway)  
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)  
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)  
Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia)  
Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain)  
Tel. No.: +34 91 562 04 20

Swedish Poisons Information Centre (Sweden)  
Tel. No.: +46 08 331231

## Section 2. HAZARDS IDENTIFICATION

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### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

Warmotech® 550/700 is not classified as dangerous within the meaning of the valid regulations.

#### 2.1.2. Additional information

For full text of Hazard- and EU Hazard-statements, see in section 16.

### 2.2. LABEL ELEMENTS

#### 2.2.1. Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictogram: None.

Signal word: None.

Hazard statements: None.

Precautionary statements: None.

**Supplemental Hazard information (EU):** None.

### 2.3. OTHER HAZARDS

The product does not meet the criteria for vPvB according to Regulation (EC) No. 1907/2006.

## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.1. SUBSTANCES

Not applicable.

### 3.2. MIXTURES

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The mixture does not contain substances whose concentration in the mixture is equal to or higher than the concentrations specified in Regulation (EU) No. 1907/2006 (REACH Regulation) Annex II Part A paragraph 3.2.2. and which would be required to be specified in this SDS section.

### Section 4. FIRST AID MEASURES

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#### 4.1. DESCRIPTION OF FIRST AID MEASURES

**General information.** Get medical attention if any discomfort develops.

**Following skin contact.** Get medical attention if irritation develops and persists. Rinse skin with water/shower.

**Following eye contact.** Immediately wash eyes with plenty of water. Get medical attention immediately, if irritation continues. Consult an ophthalmologist.

**Following inhalation.** Move to fresh air. Call a physician if symptoms develop or persist.

**Following ingestion.** Rinse mouth. If ingestion of a large amount does occur, call a poison control centre immediately.

**Self-protection of the first aider.** To care for their own safety!

#### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available.

#### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

### Section 5. FIREFIGHTING MEASURES

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**General fire hazards.** Clear fire area of all non-emergency personnel.

#### 5.1. EXTINGUISHING MEDIA

**Suitable extinguishing media.** Use extinguishing media suitable for surrounding materials. Use water spray, foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media.** Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**Hazardous combustion products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and etc.

#### 5.3. ADVICE FOR FIREFIGHTERS

**Special protective equipment for fire-fighters.** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Special fire-fighting procedures.** Do not breathe fire released materials. Move containers away from fire area, if it can be done without risk. Use water mist cooling unopened containers. Cooling tanks pouring sufficient water and fire go out. Prevent the material from entering the drainage system, surface waters.

### Section 6. ACCIDENTAL RELEASE MEASURES

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#### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**6.1.1. For non-emergency personnel.** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.

**6.1.2. For emergency responders.** Ensure adequate ventilation. Remove victim persons from the contaminated area. If adverse reactions occur and persist, seek medical attention. Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

#### 6.2. ENVIRONMENTAL PRECAUTIONS

Prevent contamination of soil and water. Prevent further leakage or spillage if safe to do so.

#### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

**6.3.1 For containment:** Avoid creating dusty conditions and prevent wind dispersal.

**6.3.2 For cleaning up:** Vacuum or sweep dust up and place into approved containers for later disposal.

**6.3.3 Other information:** No data available.

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### 6.4. REFERENCE TO OTHER SECTIONS

For personal protection, see Section 8. For waste disposal, see section 13.

## Section 7. HANDLING AND STORAGE

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### 7.1. PRECAUTIONS FOR SAFE HANDLING

**Advice on safe handling.** Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Advice on protection against fire and explosion.** Keep away from heat. Keep away from sources of ignition.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage requirements.** Keep containers closed when not in use. Do not store in direct sunlight. Store at ambient temperature and atmospheric pressure.

### 7.3. SPECIFIC END USE(S)

No data available.

## Section 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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### 8.1. CONTROL PARAMETERS

**Occupational exposure limits.** No occupational exposure limits noted for the ingredient(s).

**Biological limit values.** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures.** Follow standard monitoring procedures.

### 8.2. EXPOSURE CONTROLS

**General Information.** Do not eat, drink, smoke at the workplace. Wash hands before breaks and after work.

#### APPROPRIATE ENGINEERING CONTROLS

Provide adequate general and local exhaust ventilation.

#### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**General information.** Use personal protective equipment as required. Keep working clothes separately. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection.** Safety glasses with side shields, suitable protective equipment according to EN 166.

#### Skin protection:

**Hand protection.** When contact is likely, appropriate wrist long chemical resistant gloves (EN 374).

**Other skin protection.** Wear protective work clothing.

**Respiratory protection.** Wear dust protection mask, suitable protective equipment (EN 149).

**Thermal hazards.** Not applicable.

**Hygiene measures.** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

### 8.3. ENVIRONMENTAL EXPOSURE CONTROLS

Contain spills and prevent releases, and observe national regulations on emissions.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	solid
COLOUR:	various
ODOUR:	odourless
MELTING POINT / FREEZING POINT:	not applicable
BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE:	not applicable

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FLAMMABILITY (SOLID, LIQUID, GAS):	flammability class D-s3,d0
UPPER/LOWER EXPLOSIVE LIMITS:	not applicable
FLASH POINT:	not applicable
AUTO-IGNITION TEMPERATURE:	not applicable
DECOMPOSITION TEMPERATURE:	not applicable
pH	not applicable
KINEMATIC VISCOSITY:	not applicable
SOLUBILITY:	not applicable (insoluble in water)
PARTITION COEFFICIENT (N-OCTANOL/WATER):	not applicable
VAPOUR PRESSURE:	not applicable
DENSITY AND/OR RELATIVE DENSITY:	550 or 700 kg/m <sup>3</sup> +- 50 kg
RELATIVE VAPOUR DENSITY:	not applicable
EXPLOSIVE PROPERTIES:	non explosive
OXIDISING PROPERTIES:	non oxidising
PARTICLE CHARACTERISTICS:	no data available

### 9.2. OTHER INFORMATION

#### 9.2.1. Information with regard to physical hazard classes

No data available.

#### 9.2.2. Other safety characteristics

None.

## Section 10. STABILITY AND REACTIVITY

### 10.1. REACTIVITY

The product is not reactive under normal conditions of use, storage and transportation.

### 10.2. CHEMICAL STABILITY

Stable under recommended storage and handling conditions (see section 7).

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reaction when handled and stored according to these provisions (see section 7).

### 10.4. CONDITIONS TO AVOID

Excess moisture and heat, dust generation.

### 10.5. INCOMPATIBLE MATERIALS

None known.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) No. 1272/2008

**Acute toxicity:** No information available for the product.

**Skin corrosion/irritation.** Not classified.

**Serious eye damage/irritation.** Not classified.

**Respiratory or skin sensitisation.** Not classified.

**Germ cell mutagenicity.** Not classified.

**Carcinogenicity.** Not classified.

**Reproductive toxicity.** Not classified

**STOT-single exposure.** Not classified.

**STOT-repeated exposure.** Not classified.

**Aspiration hazard.** Not applicable.

### 11.2. INFORMATION ON OTHER HAZARDS

#### 11.2.1. Endocrine disrupting properties

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None.

**11.2.2. Other information**

No data available.

**Section 12: ECOLOGICAL INFORMATION**

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**12.1. TOXICITY**

No information available for the product.

**12.2. PERSISTENCE AND DEGRADABILITY**

No data available.

**12.3. BIOACCUMULATIVE POTENTIAL**

No data available.

**12.4. MOBILITY IN SOIL**

Not available.

**12.5. RESULTS OF PBT AND vPvB ASSESSMENT**

Not a PBT or vPvB substance or mixture.

**12.6. ENDOCRINE DISRUPTING PROPERTIES**

No data available.

**12.7. OTHER ADVERSE EFFECTS**

No known significant effects or critical hazards.

**Section 13. DISPOSAL CONSIDERATION**

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**13.1. WASTE TREATMENT METHODS****Residual waste.** Dispose of in accordance with local regulations. The user is responsible for the correct codification and designation of the waste produced.**Contaminated packaging.** Dispose of as unused product.**Disposal methods/information.** Dispose in accordance with all applicable regulations.**Waste key for the unused product.** 17 06 04 Insulating materials with the exception of what is classified under 17 06 01 and 17 06 03.**Section 14. TRANSPORT INFORMATION**

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Transport only in accordance with ADR for road haulage, RID for rail transportation, ADN/IMDG for carriage by vessel/sea and IATA for carriage by air.

**14.1. UN number or ID number.** None.**14.2. UN proper shipping name.** None.**14.3. Transport hazard class (es).** None.**14.4. Packing group.** None**14.5. Environmental hazards.** No.**14.6. Special precautions for user.** Before use read the safety instructions in the safety data sheet and emergency procedures.**14.7. Maritime transport in bulk according to IMO instruments.** Not applicable.**Section 15. REGULATORY INFORMATION**

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**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

– Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European

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Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);

– COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);

– On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L353, volume 51 on 31 December, 2008;

– COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;

– The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).

**15.2. CHEMICAL SAFETY ASSESSMENT**

For this product a chemical safety assessment has been carried out.

**Section 16. OTHER INFORMATION****16.1. INDICATION OF CHANGES**

Information contained in the Regulation 1907/2006/EC with the Regulation 2020/878.

**Indication of changes:** –.

Date of filling: 24-04-2023

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**16.2. FULL TEXT OF HAZARD AND PRECAUTIONARY STATEMENTS**

None.

**Supplemental Hazard information (EU):** None.

**Abbreviations:** None.

**Acronyms:**

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.

RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.

IMDG – International Maritime Dangerous Goods.

IATA – International Air Transport Association.

ICAO – International Civil Aviation Organization.

IMO – International Maritime Organization.

vPvB – Very Persistent and Very Bioaccumulative.

PBT – Persistent, Bioaccumulative and Toxic substance.

LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50 – Lethal Concentration to 50 % of a test population.

EC50 – Effective concentration to 50% of a test population (Half maximal effective concentration).

IC50 – Inhibitory concentration to 50% of a test population (Half maximal inhibitory concentration).

CAS – Chemical Abstracts Service number.

CEN – European Committee for Standardisation.

STOT – Specific Target Organ Toxicity.

DNEL – Derived No-Effect Level.

PNEC – Predicted No Effect Concentration.

NOEC – No effect concentration.

STEL – Short Term Exposure Limit.

TWA – Time Weighted Averages.

SDS – Safety Data Sheet.

**KEY LITERATURE REFERENCES AND SOURCES FOR DATA:**

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- The data provided by the European Chemicals Bureau (ECB), European Chemicals Agency (ECHA), Swedish Chemicals Agency (KEMI), International Laboratories Organization (ILO), the TOXNET Internet pages.

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