

SAFETY DATA SHEET

Revision: 04.11.2021

THERMIX APM FOIL®

VERSION : 1.0/EN

in accordance the Commission Regulation (EU) No **2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1 SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

THERMIX APM FOIL®

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

Identified uses: Liquid foil. Temporary peelable protective coating designed for protection of internal and external surfaces

Uses advised against: Every way of using not mentioned above or in the point 7.3.

1.3 Details of the supplier of the safety data sheet

ATENA PROPERTY MANAGEMENT Sp. z o.o.

ul. Łódzka 42, 95-050 Konstantynów Łódzki; Poland

Tel: + 48 42 307 09 02

E-mail address for a competent person responsible: biuro@atenapm.pl

1.4 Emergency telephone number

Nationwide emergency telephones (**Mon-Fri 8:00 – 16:00**): + 48 42 307 09 02

Emergency telephone number				
Country	Official advisory body	Address	Emergency number	Remark
Austria	Vergiftungsinformationszentrale (Poisons Information Centre)	Stubenring 6 1010 Wien	+43 1 406 43 43	
Belgium	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base – Reine Astrid	Rue Bruyn 1 B -1120 Bruxelles/Brussel	+32 70 245 245	Please dial: 070 245245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Bulgaria	Национален токсикологичен информационен център (National Toxicological Information Centre) Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов" (National Clinical Toxicology Centre), Emergency Medical Institute "Pirogov"	21 Totleben Boulevard 1606 SOFIA	+359 2 9154 409	
Croatia	Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada	Ksaverska Cesta 2 p.p. 291 10000 Zagreb	+385 1 234 8342	
Cyprus	Κέντρο Δηλητηριάσεων		1401	Operating hours 24 hours / 24 hours, 7 days a week
Czech Republic	Toxikologickéinformačnístředisko Klinikapracovníholékařství VFN a 1. LF UK	Na Bojišti 1 120 00 Praha 2	+420 224 919 293 +420 224 915 402	
Denmark	Giftnlinsen Bispebjerg Hospital	Bispebjerg Bakke 23 2400 København NV	+45 82 12 12 12	
Estonia	Mürgistusteabekeskus	Gonsiori 29 15027 Tallinn	16662 +372 626 93 90	
Finland	Myrkytystietokeskus	Stenbäckinkatu 9 PO BOX 100 29 Helsinki	+358 9 471 977 +358 9 4711	
France	Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal	200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10	+33 1 40 05 48 48	
France	Centre Antipoison et de Toxicovigilance de Marseille Hôpital Sainte Marguerite	270 boulevard de Sainte Marguerite 13274 Marseille Cedex 09	+33 4 91 75 25 25	
Germany	Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik rechts der Isar der Technischen Universität München	Ismaninger Straße 22 81675 München	+49 (0) 89 19240	
Germany	Giftnotruf der Charité CBF, Haus VIII (Wirtschaftsgebäude), UG	Hindenburgdamm 30 12203 Berlin	+49 (0) 30 19240	
Greece	Poisons Information Centre Children's Hospital P&A Kyriakou	11762 Athens	+30 2 10 779 3777	
Hungary	Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat	Nagyvárud tér 2. 1437 Budapest, Pf. 839 1097 Budapest	+36 80 20 11 99	
Iceland	Eitrunarmiðstöð Landspítali	Fossvogi 108 Reykjavik	+354 543 22 22	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166	

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			(public, 8am - 10pm, 7/7)	
Italy	Centro Antiveleni Dipartimento di Tossicologia Clinica, Università Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 168 Roma	+39 06 305 4343	
Latvia	Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs	Hipokrāta 2 1038 Rīga	+371 67 04 24 73	
Lithuania	Apsinuodijimų informacijos biuras	Birutės g. 56 8110 Vilnius	+370 5 236 20 52 +370 687 53378	
Luxembourg	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+352 8002 5500	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
Netherlands	Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-) artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet	Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications
Norway	Giftinformasjonen Helsedirektoratet	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300	
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	
Portugal	Centro de Informação Antivenenos Instituto Nacional de Emergência Médica	Rua Almirante Barroso, 36 1000-013 Lisboa	+351 808 250 143	
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000	
Serbia	Nacionalni centar za kontrolu trovanja - VMA	Crnotravska 17 11000 Beograd	+381 11 360 84 40 (24h) +381 11 3672 187	
Slovakia	Národné toxikologické informačné centrum Univerzitná nemocnica Bratislava, pracovisko Kramáre, Klinikapracovné hokeľárstva a toxikológie	Limbová 5 833 05 Bratislava	+421 2 54 77 41 66	
Slovenia	Center za kliničnotoksikologijo in farmakologijo Internaklinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Sevilla	Carretera de San Jerónimo Km 0,4 41080 Sevilla	+34 91 562 04 20	(Toxicological emergencies only). Information in Spanish (24/7)
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112 – begär Giftinformation +46 10 456 6700 (Från utlandet)	(from abroad: +41 44 251 51 51) non urgent inquiry: +41 44 251 66 66
Switzerland	Tox Info Suisse	Freiestrasse 16 8032 Zürich	145	

2 SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical and chemical hazards:

This mixture does not present a physical hazard.

Health hazards

Serious eye damage/eye irritation, Hazard Category 2 [Eye Irrit. 2]

Causes serious eye irritation (H319)

Skin corrosion/irritation, Hazard Category 2 [Skin Irrit. 2]

Causes skin irritation (H315)

Environmental hazards:

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram

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GHS07

Signal word: Warning**Supplemental Hazard Statements on labels**

Not applicable

Hazard statement(s)

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Precautionary statement(s):Prevention

P102 Keep out of reach of children.

P264 Wash hand thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 IF ON SKIN: Wash with plenty of water

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

2.3 Other hazards

The substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain substances included in the list established in accordance with Article 59 (1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2 Mixtures:

Substance identifier	Name of the substance	Weight fraction %	Classification in line with The Regulation (EC) No. 1272/2008		
			Signal Word Code(s)	Hazard Class and Category Code(s)	Hazard Statement Code(s)
CAS: 124-68-5 WE (EINECS): 204-709-8 Index No: 603-070-00-6 Reach No:	<u>2-amino-2-methylpropanol [1]</u>	9-10	GHS07 Wng	Eye Irrit. 2 Skin Irrit. 2 Aquatic Chronic 3	H319 H315 H412
CAS: 64-19-7 WE (EINECS): 200-580-7 Index No: 607-002-00-6	<u>Acetic acid 1.2]</u>	<5	GHS02 GHS05 Dgr	Flam. Liq. 3 Skin Corr. 1A Specific Concentration limits:	H226 H314

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Reach No:				Skin Corr. 1A H314: C ≥ 90 % Skin Corr. 1B H314: 25 % ≤ C < 90 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 %	
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[1] The substance with occupational exposure limit defined at the national level

[2] Substance with European Union level exposure limit in the workplace

Due to their concentration in the mixture, other ingredients do not have to be included in the classification or do not have harmful parameters or they are not the ingredients that have to be monitored.

Full text of each relevant H phrase is given in section 16 of SDS.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled: Take the victim out of the exposure area, place them in a comfortable half-sitting or lying position, provide calm and protect against heat loss. If needed, seek medical help

In case of skin contact: It should present no hazards in normal use. If nevertheless symptoms do occur wash off with soap and plenty of water.

In case of eye contact: Rinse immediately with plenty of cool, running water and continue rinsing for at least 15 minutes. Remove contact lenses. Do not use heavy streams of water to avoid cornea damage. If the irritation persists, consult an eye-doctor.

If swallowed: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation Possible redness, tearing, temporary irritation.

Ingestion: Possible abdominal pain, nausea, vomiting

Inhalation: There are no significant effects or critical hazards reported

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically

5 SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media:

Jet water.

5.2 Special hazards arising from the substance or mixture

During combustion, product may release toxic gases, vapors, and fumes. Do not inhale combustion products – it can be dangerous for health.

5.3 Advice for firefighters

Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals
Collect used extinguishing agents. Do not allow them to enter sewers, surface water, groundwater or soil. In case of fire, cool endangered containers with water spray

6 SECTION 6: ACCIDENTAL RELEASE MEASURES

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6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that the effects of breakdown are removed only by trained personnel. In case of large spills, isolate the exposed area. Avoid eyes contact and prolonged skin contact. Do not inhale vapours. Ensure adequate ventilation. Use personal protective equipment.

For emergency responders: ensure that only the trained personnel removes the effects of the accident. Use personal protective measures.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services

6.3 Methods and material for containment and cleaning up

Place damaged container in an emergency container. Spills collect with absorbent, e.g. sand, soil, diatomaceous earth, vermiculite, and place it in an appropriate waste containers. Clean the contaminated area.

6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke while working with the product. Avoid eye contamination and direct skin contact. Before break and afterwork wash hands. Do not inhale vapors. Ensure adequate ventilation. Use in accordance with its intended purpose. Keep the unused containers tightly closed. Containers that are opened should be properly resealed and kept upright to prevent leakage.

7.2 Conditions for safe storage, including any incompatibilities

Store only in a cool, dry place, recommended storage temperature Keep away from sources of ignition and heat. Do not store with incompatible materials (subsection 10.5). Keep away from food, beverages or feed for animals. Protect against freezing

7.3 Specific end use(s)

No information on applications other than those listed in subsection 1.2.

8 SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

UE				
2-Amino-2-methyl-1-propanol [No. 124-68-5]				
Limit value - Eight hours		Limit value - Short term		
Ppm	mg/m ³	ppm	mg/m ³	
Germany (AGS)	1 (1)(2)	3,7 (1)(2)	2 (1)(2)(3)	7,4 (1)(2)(3)
Germany (DFG)	1(1)(2)	3,7 (1)(2)	2 (1)(2)(3)	7,4 (1)(2)(3)
Switzerland	2,4	8,7	4,8 (1)	17,4 (1)
Remarks				
Germany (AGS)	(1) Inhalable fraction and vapour (2) Skin (3) 15 minutes average value			
Germany (DFG)	(1) Inhalable fraction and vapour (2) Skin (3) 15 minutes average value			
Switzerland	(1) 15 minutes average value			
Acetic acid No. 64-19-7				
limit value - Eight hours		Limit value - Short term		
ppm	mg/m ³	ppm	mg/m ³	

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Austria	10 (1)	25 (1)	20 (1)(2)	50 (1)(2)
Belgium	10	25	15 (1)	38 (1)
Denmark	10	25	20	50
European Union	10	25	20 (1)	50 (1)
Finland	5	13	10 (1)	25 (1)
France	10	25	20 (1)	50 (1)
Germany (AGS)	10	25	20 (1)	50 (1)
Germany (DFG)	10	25	20 (1)	50 (1)
Hungary		25		50 (1)
Ireland	10	25	20 (1)	50 (1)
Italy	10	25	20 (1)	50 (1)
Latvia	10	25	20 (1)	50 (1)
Norway	10	25	20 (1)	50 (1)
Poland		25		50 (1)
Romania	10	25	20 (1)	50 (1)
Spain	10	25	20 (1)	50 (1)
Sweden	5	13	10 (1)	25 (1)
Switzerland	10	25	20	50
United Kingdom	10	25	20 (1)	50 (1)
Remarks				
Austria(1) Indicative Occupational Exposure Limit Values, proposal (2) Ceiling limit value (5 minutes)				
Belgium (1) 15 minutes average value				
European Union (1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)				
Finland (1) 15 minutes average value				
France <i>Italic type</i> : Indicative statutory limit values (1) 15 minutes average value				
Germany (AGS) (1) 15 minutes average value				
Germany (DFG) (1) 15 minutes average value				
Hungary (1) 15 minutes average value				
Ireland(1) 15 minutes average value				
Italy (1) 15 minutes average value				
Latvia (1) 15 minutes average value				
Norway (1) 15 minutes average value				
Poland(1) 15 minutes average value				
Romania (1) 15 minutes average value				
Spain (1) 15 minutes average value VLI				
Sweden (1) 15 minutes average value				
The Netherlands (1) 15 minutes average value				
United Kingdom (1) 15 minutes average value				

Recommended monitoring procedures

Procedures shall be in place to monitor the air concentrations of hazardous components and, where available and justified at the workplace, to control the cleanliness of air in the workplace in accordance with relevant Polish or European Standards, taking into account the conditions at the exposure site and the appropriate measurement methodology adapted to the working conditions. The mode, type and frequency of tests and measurements should meet the requirements of the Ordinance of the Minister of Health of 2 February 2011 (OJ No. 33, item 166).

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Necessary local and general ventilation. In case of poor ventilation, use respiratory system protection.

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8.2.2 Individual protection measures, such as personal protective equipment

Eye or face protection:

. Use tightly fitting protective glasses according with EN 166 if risk assessment indicates that it is necessary

Hand protection

Use gloves resistant to chemicals [butyl rubber] . In case of short-term exposure wear the protective gloves with protection level 2 or higher (breakthrough time > 30 min). In case of long-term exposure wear the protective gloves with protection level 6 (breakthrough time > 480 min). Wear protective clothing and shoes – antistatic, resistant to chemicals. Glove material should be chosen individually at the working station

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

Airways protection

For activities in enclosed areas at elevated temperatures of the substance, local extraction or explosion protected ventilation equipment is recommended. In case this is not sufficient for the intended use, then apply a suitable respiratory protection according to EN 140 type.

Thermal hazards

Not applicable

Personal protective equipment must meet requirements of regulation 2016/425/EC. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

8.2.3 Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Fluid
Colour:	Light
Odour:	Characteristic
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	ca. 100°C
Flammability:	not determined
Partition coefficient n-octanol/water (log value):	not determined
Lower and upper explosion limit:	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	5-7
Kinematic viscosity:	20000-30000 mPa * s (dynamic, Brookfield RVF 6/20 23 ° C
Solubility:	Not determined.
Vapour pressure:	not determined
Density and/or relative density:	1.09 g/cm ³
Relative vapour density:	not determined
Particle characteristics:	Inapplicable - Fluid

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Information unavailable

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9.2.2 Other safety characteristics

Information unavailable

10 SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No reactivity under recommended storage and handling conditions.

10.2 Chemical stability

Stable under recommended storage and usage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known

10.4 Conditions to avoid

Protect against freezing

10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

Substances produced as a result of thermal decomposition of the product are strongly dependent on the conditions that cause the decomposition. In normal combustion conditions, the main products of decomposition are carbon dioxide, carbon monoxide, and steam. For more information, see sections: 5.2.

11 SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Based on available information, classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation

Serious eye damage/irritation:

Causes skin irritation

Respiratory or skin sensitisation

Based on available information, classification criteria are not met.

Germ cell mutagenicity

Based on available information, classification criteria are not met.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Based on available information, classification criteria are not met.

STOT-single exposure:

Based on available information, classification criteria are not met.

STOT-repeated exposure:

Based on available information, classification criteria are not met.

Aspiration hazard

Based on available information, classification criteria are not met.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation Possible redness, tearing, temporary irritation.

Ingestion: Possible abdominal pain, nausea, vomiting

Inhalation: There are no significant effects or critical hazards reported

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11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The components of the mixture do not affect the functioning of the hormonal system in accordance with the evaluation criteria defined in the Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605

11.2.2 Other information

Not applicable to substances

12 SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity of product

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In order to minimise long-term global pollution, this should be considered:

- Reducing the use of products and disposable packaging.
- Participation in recycling activities
- Do not allow product to enter water, sewage or soil

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

The mobility of the substance depends on their hydrophilic and hydrophobic properties and abiotic and biotic conditions of soil, including its structures, climatic conditions, seasons (in Poland, in a variable moderate climate) and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Endocrine disrupting properties

The product shall not contain ingredients included on the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria laid down in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. There should be considered the possibility of other harmful effects of the individual components of the mixture on the environment. (eg. the ability of disrupting endocrine, the impact of global warming potential).

13 SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

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Legal basis: Directive 2008/98/EC, 94/62/EC.

14 SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

Not applicable, product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Product is not classified as dangerous for the environment in accordance with transport regulations

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

15 SECTION 15: REGULATORY INFORMATION

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

Name of substance	Type of registration	Restriction
Mixture	1907/2006/EC annex XVII REACH	See No 3, 75

Other legislation:

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 Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended

Regulation (EU) No 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

SAFETY DATA SHEET

Revision: 04.11.2021

THERMIX APM FOIL®

VERSION : 1.0/EN

in accordance the Commission Regulation (EU) No **2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

15.2 Chemical safety assessment

The supplier has not assessed chemical safety It is not required for the mixture.

16 SECTION 16: OTHER INFORMATION

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Safety Data Sheet made by: **mgr Małgorzata Krenke; Feed Reach Consulting™ www.frc.com.pl**

Key literature references and data sources

This sheet was prepared on the basis of on manufacturer's data, literature data, online databases, our knowledge and experience, taking into account the current legislation.

Other data

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP)

Classification in line with The Regulation (EC) No. 1272/2008

H315	Skin Irrit. 2	calculation method
H319	Eye Irrit. 2	calculation method

H (hazard) phrases specified in point 2 and 3 hereof:

H319	Causes serious eye irritation.
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2
H315	Causes skin irritation.
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2
H226	Flammable liquid and vapour
Flam. Liq. 3	Flammable liquids, Hazard Category 3
H314	Causes severe skin burns and eye damage
Skin Corr. 1B	Skin corrosion/irritation, Hazard Category 1, Sub-Categories 1A, 1B, 1C
H318	Causes serious eye damage
Eye Dam 1	Serious eye damage/eye irritation, Hazard Category 1

Explanation of returns

ATE	Acute Toxicity Estimate
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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CEN	European Committee for Standardisation
C&L	Classification and Labelling
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS#	Chemical Abstracts Service number
CMR	Carcinogen, Mutagen, or Reproductive Toxicant
CSA	Chemical Safety Assessment
DNEL	Derived No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
ECHA	European Chemicals Agency
EC-Number	EINECS and ELINCS Number (see also EINECS and ELINCS)
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
GHS	Globally Harmonized System
IATA	International Air Transport Association
ICAO-TI	Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG	International Maritime Dangerous Goods
IMSBC	International Maritime Solid Bulk Cargoes
IUCLID	International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
Know	octanol-water partition coefficient
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LoW	List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
MSDS	Material Safety Data Sheet
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic substance
PEC	Predicted Effect Concentration
PNEC(s)	Predicted No Effect Concentration(s)
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific Target Organ Toxicity
(STOT) RE	Repeated Exposure
(STOT) SE	Single Exposure
SVHC	Substances of Very High Concern
UFI	Unique Formula Identifier
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative

Training

Prior to working with the product you should be familiar with safety rules for handling the chemicals, in particular take proper workplace training.