Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



Date of issue: 19/08/2013

Version: 3.0

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

1.1. Product identifier

Product form Product Name Synonyms

Revision date:

17/10/2016

Mixture MED2-4420 Part A Silicone Elastomer

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

1.2.1. Relevant identified uses

Use of the substance/mixture

For use in potting, encapsulating, coating, and injection or transfer moulding applications. For professional use only.

1.2.2. Uses advised against

No additional information available 1.3. Details of the supplier of the safety data sheet NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 ehs@nusil.com www.nusil.com 1.4. Emergency telephone number Emergency : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and number Maritime)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

2.3. Other Hazards

Other hazards not contributing to the classification

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Within the meaning of Regulation (EC) No 1272/2008: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight irritation to eyes.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	None expected under normal conditions of use.
4.3. Indication of any immedia	te medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Water spray, dry chemical, foam, carbon dioxide.
Do not use a heavy water stream. Use of heavy stream of water may spread fire.
n the substance or mixture
Not considered flammable but may burn at high temperatures.
Product is not explosive.
Hazardous reactions will not occur under normal conditions.
Exercise caution when fighting any chemical fire.
Use water spray or fog for cooling exposed containers.
Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).	
6.1.1.For non-emergency personnel		
Protective equipment	Use appropriate personal protection equipment (PPE).	
Emergency procedures	Evacuate unnecessary personnel.	
6.1.2.For emergency responders		
Protective equipment	Equip cleanup crew with proper protection.	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Emergency procedures	Ventilate area. Upon arrival at the scene, a first responder is
	expected to recognize the presence of dangerous goods, protect
	oneself and the public, secure the area, and call for the assistance
	of trained personnel as soon as conditions permit.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	Contain any spills with dikes or absorbents to prevent migration and
	entry into sewers or streams.
Methods for cleaning up	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.
7.2. Conditions for safe storage	e, including any incompatibilities
Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

For use in potting, encapsulating, coating, and injection or transfer moulding applications. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gloves. Protective clothing. Protective goggles.



Chemically resistant materials and fabrics.

- Wear protective gloves.
- Chemical safety goggles.
- Wear suitable protective clothing.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Respiratory protection	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other information	When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Translucent.
Odour	: Odourless.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacet	ate=1) : No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527°F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 1,1 (water=1)
Solubility	: No data available
Partition coefficient: n-octanol/water	r : No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable
9.2. Other information	
VOC content	: <1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Silicon oxides.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
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
Specific target organ toxicity (single	e exposure) : Not classified
Specific target organ toxicity (repeated : Not classified	
exposure)	
Aspiration hazard	Not classified
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	Not classified.
12.2. Persistence and degradab	ility
MED2-4420 Part A	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
MED2-4420 Part A	
Bioaccumulative potential	Not established.
12.4. Mobility in soil No additional information available	
12.5. Results of PBT and vPvB assessment No additional information available	
12.6. Other adverse effects	
Other information	Avoid release to the environment.
SECTION 13: Disposal considerations	

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of contents/container in accordance with local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN **14.1. UN number** Not regulated for transport **14.2. UN proper shipping name** Not applicable **14.3. Transport hazard class(es)** Not applicable

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.4. Packing group Not applicable 14.5. Environmental hazards Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available 14.6.2. Transport by sea No additional information available Air transport 14.6.3. No additional information available 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

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

15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Section	Section Header	Change	Date Changed
1.3	Details of the supplier of the safety data sheet	Modified	17/10/2016
2	Hazards identification	Removed DSD/DPD information.	17/10/2016
3	Composition/information on ingredients	Removed not classified components and components below cutoffs. Removed DSD/DPD information.	17/10/2016
15.1.1	EU-Regulations	Modified	17/10/2016
Revision date 17/10/2016			•

Revision date Data sources 1//10/2016

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Nusil EU GHS SDS

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.

Safety Data Sheet



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: Date of issue: 17/10/2016 19/08/2013

Version: 3.0

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

1.1. Product identifier Product form

Product Name

Synonyms

Mixture MED2-4420 Part B Silicone Elastomer

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

1.2.1. Relevant identified uses

Use of the substance/mixture

For use in potting, encapsulating, coating, and injection or transfer moulding applications. For professional use only.

1.2.2. Uses advised against

No additional information available **1.3. Details of the supplier of the safety data sheet** NuSil Technology LLC 1050 Cindy Lane Carpinteria, California 93013 USA (805) 684-8780 <u>ehs@nusil.com</u> <u>www.nusil.com</u> **1.4. Emergency telephone number**

Emergency number : 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)

SECTION 2: Hazards identification

 2.1. Classification of the substance or mixture

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

 Not classified

 Adverse physicochemical, human health and environmental effects

 No additional information available

 2.2. Label elements

 Labelling according to Regulation (EC) No. 1272/2008 [CLP]

 EUH-statements
 EUH210 - Safety data sheet available on request

 2.3. Other Hazards

 Other hazards not contributing to the classification
 Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Siloxanes and Silicones, dimethyl, methyl hydrogen	(CAS No) 68037-59-2	< 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Methyl vinylcyclosiloxane	(CAS No) 2554-06-5 (EC no) 219-863-1	< 0.1	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight irritation to eyes.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	None expected under normal conditions of use.
17 Indication of any immedia	to modical attention and special treatment needed

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, dry chemical, foam, carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising fro	om the substance or mixture
Fire hazard	Not considered flammable but may burn at high temperatures.
Explosion hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.
5.3. Advice for firefighters	
Precautionary measures fire	Exercise caution when fighting any chemical fire.
Firefighting instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).		
6.1.1.For non-emergency person	.For non-emergency personnel		
Protective equipment	Use appropriate personal protection equipment (PPE).		
Emergency procedures	Evacuate unnecessary personnel.		
6.1.2. For emergency responders			
Protective equipment	Equip cleanup crew with proper protection.		
Emergency procedures	Ventilate area. Upon arrival at the scene, a first responder is		
-	expected to recognize the presence of dangerous goods, protect		
	oneself and the public, secure the area, and call for the assistance		
	of trained personnel as soon as conditions permit.		
6.2. Environmental precautions			

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	•		
Precautions for safe handling	Avoid prolonged contact with eyes, skin and clothing. Avoid		
	breathing vapours, mist, spray.		
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.		
7.0 Conditions for orfe storage	in aluding any in a gran athlitica		
7.2. Conditions for safe storage, including any incompatibilities			
7.2. Containons for sale storage	, mereanig any meenipanier		
Technical measures	Comply with applicable regulations.		
•			
Technical measures	Comply with applicable regulations.		
Technical measures	Comply with applicable regulations. Keep container closed when not in use. Store in a dry, cool place.		
Technical measures	Comply with applicable regulations. Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low		

7.3. Specific end use(s)

As a formulary component in cosmetics applications. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Methyl vinylcyclosiloxane (2554-06-5)		
Romania	OEL TWA (mg/m³)	30 mg/m³
Romania	OEL STEL (mg/m³)	50 mg/m³
Romania	OEL chemical category (RO)	Skin notation

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

8.2. Exposure controls

o.z. Exposure connois	
Appropriate engineering controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal protective equipment	Gloves. Protective clothing. Protective goggles.
Materials for protective clothing	Chemically resistant materials and fabrics.
Hand protection	Wear protective gloves.
Eye protection	Chemical safety goggles.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other information	When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Translucent.
Odour	: Odourless.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 275 °C (> 527°F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 1,1 (water=1)
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable
9.2. Other information	
VOC content < 1 %	

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Not classified

Methyl vinylcyclosiloxane (2554-06-5)		
LD50 oral rat	> 15 g/kg	
LC50 inhalation rat (Vapours - mg/l/4h)	> 1320 mg/l/4h (Species: Sprague-Dawley)	
Skin corrosion/irritationNot classifiedSerious eye damage/irritationNot classifiedRespiratory or skin sensitisationNot classifiedGerm cell mutagenicityNot classifiedCarcinogenicityNot classifiedReproductive toxicityNot classified	2 2 2 2 2	
	: Not classified Not classified	
Aspiration hazard Not classified Potential adverse human health Based on av effects and symptoms	ailable data, the classification criteria are not met.	

SECTION 12: Ecological information

12.1. Toxicity	oxicity
----------------	---------

Ecology - general Not classified.

12.2. Persistence and degradability

MED2-4420 Part B			
Persistence and degradability Not established.			
12.3. Bioaccumulative potential			
MED2-4420 Part B			
Bioaccumulative potential	Not established.		

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information

Avoid release to the environment.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	Dispose of contents/container in accordance with local, regional,
	national, and international regulations.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN 14.1. UN number Not regulated for 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 Other information No supplementary information available. 14.6. Special precautions for user 14.6.1. **Overland transport** No additional information available Transport by sea 14.6.2. No additional information available 14.6.3. Air transport No additional information available 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
1.3	Details of the supplier of the safety data sheet	Modified	17/10/2016
2	Hazards identification	Removed DSD/DPD information.	17/10/2016
3	Composition/information on ingredients	Removed not classified components and components below cutoffs. Removed DSD/DPD information.	17/10/2016
15.1.1	EU-Regulations	Modified	17/10/2016

Revision date Data sources 17/10/2016

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2			
Skin Irrit. 2	Skin Irrit. 2 Skin corrosion/irritation, Category 2		
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation			
H315 Causes skin irritation			
H319 Causes serious eye irritation			
H335 May cause respiratory irritation			
EUH210	Safety data sheet available on request		

Nusil EU GHS SDS

We believe that the information contained herein is current as of the date of this Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of NuSil Technology, it is the user's obligation to determine the conditions of safe use of the product.