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according to 1907/2006/EC, Article 31

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

· ***1.1 Product identifier***

· ***Trade name:*** **Fermitopp HN 300**

· ***UFI:*** 1270-P0CW-3009-202T

· ***1.2 Relevant identified uses of the substance or mixture and uses advised against***
No further relevant information available.
· ***Application of the substance / the mixture*** Silicone sealing

· ***1.3 Details of the supplier of the safety data sheet***
· ***Manufacturer/Supplier:***
Fermit GmbH
Zur Heide 4,
D- 53560 Vettelschoß
www.fermit.de

· ***Informing department:***
Tel.: +49 (0) 2645-2207
Fax: +49 (0) 2645-3113
Email: info@fermit.de

· ***1.4 Emergency telephone number:*** Tel.: +49 (0) 2645-2207

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SECTION 2: Hazards identification

· ***2.1 Classification of the substance or mixture***
· ***Classification according to Regulation (EC) No 1272/2008***
The product is not classified, according to the CLP regulation.

· ***2.2 Label elements***
· ***Labelling according to Regulation (EC) No 1272/2008*** Void
· ***Hazard pictograms*** Void
· ***Signal word*** Void
· ***Hazard statements*** Void
· ***Additional information:***
Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.
· ***2.3 Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.

*
SECTION 3: Composition/information on ingredients

· ***3.2 Chemical characterisation: Mixtures***
· ***Description:*** Elastic silicone sealing compound

· ***Dangerous components:***

CAS: 58190-57-1 EC number: 611-631-1 Reg.nr.: 01-2119982962-22-X	2-Propanone, 2,2',2''-[O,O',O''-(ethylsilylidyne) trioxime] STOT RE 2, H373	≥ 2.5 - < 10%
CAS: 919-30-2 EINECS: 213-048-4 Reg.nr.: 01-2119480479-24-X	3-aminopropyltriethoxysilane Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317	≥ 0.1 - < 1%

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· ***Additional information*** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

· ***4.1 Description of first aid measures***
· ***After inhalation*** Supply fresh air; consult doctor in case of symptoms.
· ***After skin contact***
Instantly wash with water and soap and rinse thoroughly.
In case of skin irritations or sensitizing effects, consult doctor.
Wash contaminated clothing before re-use.
· ***After eye contact***
Remove contact lenses if possible.
Rinse opened eye for several minutes under running water. Then consult doctor.
· ***After swallowing***
Do not induce vomiting; instantly call for medical help.
Rinse out mouth and then drink plenty of water.
· ***4.2 Most important symptoms and effects, both acute and delayed***
No further relevant information available.
· ***4.3 Indication of any immediate medical attention and special treatment needed***
A symptomatic therapy is to be induced.

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SECTION 5: Firefighting measures

· ***5.1 Extinguishing media***
· ***Suitable extinguishing agents***
CO_2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
· ***For safety reasons unsuitable extinguishing agents*** None known.
· ***5.2 Special hazards arising from the substance or mixture***
Formation of toxic gases is possible during heating or in case of fire.
During incomplete combustion carbon monoxide can be formed.
Nitrogen oxides (NOx)
· ***5.3 Advice for firefighters***
· ***Protective equipment:***
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

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SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
Observe information for safe handling (item 7) and personal protective equipment (item 8).
· ***6.2 Environmental precautions:*** Do not allow to enter drainage system, surface or ground water.
· ***6.3 Methods and material for containment and cleaning up:***
Collect mechanically.
Dispose of contaminated material as waste according to section 13.
· ***6.4 Reference to other sections***
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

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SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling*** Ensure good ventilation/exhaustion at the workplace.
· ***Information about protection against explosions and fires:*** No special measures required.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage***
· ***Requirements to be met by storerooms and containers:***
Store only in the original container.
Prevent any penetration into the ground.
· ***Information about storage in one common storage facility:*** Store away from foodstuffs.
· ***Further information about storage conditions:***
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
· ***7.3 Specific end use(s)*** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***
· ***Components with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· ***Additional information:*** The lists that were valid during the compilation were used as basis.

· ***8.2 Exposure controls***
· ***Personal protective equipment***
· ***General protective and hygienic measures***
The usual precautionary measures should be adhered to general rules for handling chemicals.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
· ***Breathing equipment:***
Not necessary if room is well-ventilated.
Use breathing protection in case of insufficient ventilation.
Filter Type A.
· ***Protection of hands:***
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· ***Material of gloves***
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.
· ***Penetration time of glove material***
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***For the permanent contact gloves made of the following materials are suitable:***
Butyl rubber, BR
In case of a layer thickness of 0.4 mm the penetration time is longer than 120 minutes.
· ***As protection from splashes gloves made of the following materials are suitable:***
Natural rubber, NR
· ***Eye protection:*** Safety glasses
· ***Body protection:*** Protective work clothing.

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· ***Limitation and supervision of exposure into the environment***
Avoid the uncontrolled release into the environment.

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***	
· ***General Information***	
· ***Appearance:***	
Form:	Pasty
Colour:	According to product specification
· ***Odour:***	Characteristic
· ***Change in condition***	
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Decomposition at heating.
· ***Flash point:***	Not applicable
· ***Self-inflammability:***	Product is not selfigniting.
· ***Explosive properties:***	Product is not explosive.
· ***Density***	Not determined
· ***Solubility in / Miscibility with***	
Water:	Insoluble
· ***9.2 Other information***	No further relevant information available.

SECTION 10: Stability and reactivity

· ***10.1 Reactivity*** No further relevant information available.
· ***10.2 Chemical stability***
· ***Thermal decomposition / conditions to be avoided:***
No decomposition if used according to specifications.
To avoid thermal decomposition do not overheat.
· ***10.3 Possibility of hazardous reactions*** No dangerous reactions known
· ***10.4 Conditions to avoid*** No further relevant information available.
· ***10.5 Incompatible materials:*** No further relevant information available.
· ***10.6 Hazardous decomposition products:***
At temperatures above 150 °C small amounts of Formaldehyd can be formed due to oxidative decomposition.

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SECTION 11: Toxicological information

· ***11.1 Information on toxicological effects***
· ***Acute toxicity*** Based on available data, the classification criteria are not met.
· ***Primary irritant effect:***
· ***Skin corrosion/irritation*** May be irritant to skin and mucous membranes.
· ***Serious eye damage/irritation*** Based on available data, the classification criteria are not met.
· ***Respiratory or skin sensitisation***
Sensitive persons can possibly have allergic reactions. This is also valid below the fixed levels of exposure.
· ***CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)***
· ***Germ cell mutagenicity*** Based on available data, the classification criteria are not met.
· ***Carcinogenicity*** Based on available data, the classification criteria are not met.
· ***Reproductive toxicity*** Based on available data, the classification criteria are not met.
· ***STOT-single exposure*** Based on available data, the classification criteria are not met.

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· ***STOT-repeated exposure*** Based on available data, the classification criteria are not met.
· ***Aspiration hazard*** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· ***12.1 Toxicity***
· ***Aquatic toxicity:*** No further relevant information available.
· ***12.2 Persistence and degradability***
Based on previous experience, this product is inert and non-degradable.
· ***12.3 Bioaccumulative potential*** No further relevant information available.
· ***12.4 Mobility in soil*** No further relevant information available.
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***12.6 Other adverse effects*** No further relevant information available.

*
SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Proceed according to local, official regulations.
Smaller quantities can be disposed with household waste.
The waste code numbers mentioned are recommendations based on the probable use of the product.

· ***European waste catalogue***	
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 17	waste containing silicones other than those mentioned in 07 02 16

· ***Uncleaned packagings:***
· ***Recommendation:***
Non contaminated packagings can be used for recycling.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· ***14.1 UN-Number***	
· ***ADR/ADN, ADN, IMDG, IATA***	Void
· ***14.2 UN proper shipping name***	
· ***ADR/ADN, ADN, IMDG, IATA***	Void
· ***14.3 Transport hazard class(es)***	
· ***ADR/ADN, ADN, IMDG, IATA***	
· ***Class***	Void
· ***14.4 Packing group***	
· ***ADR/ADN, IMDG, IATA***	Void

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· ***14.5 Environmental hazards:***	
· ***Marine pollutant:***	No
· ***14.6 Special precautions for user***	Not applicable.
· ***14.7 Transport in bulk according to Annex II of Marpol and the IBC Code***	Not applicable.
· ***Transport/Additional information:***	Not dangerous according to the above specifications.
· ***UN "Model Regulation":***	Void

*
SECTION 15: Regulatory information

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

· ***Directive 2012/18/EU***
· ***Named dangerous substances - ANNEX I*** None of the ingredients is listed.

· ***National regulations***

· ***Water hazard class:*** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· ***Substances of very high concern (SVHC) according to REACH, Article 57***
None of the ingredients is contained.

· ***15.2 Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· ***Relevant phrases***
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H373 May cause damage to the respiratory and haematopoietic systems through prolonged or repeated exposure. Route of exposure: Oral.

· ***Department issuing data specification sheet:***
This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.

· ***Abbreviations and acronyms:***
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity - oral – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Sens. 1: Skin sensitisation – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· **** Data compared to the previous version altered.***