



THREAD LOCKING HS

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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VERSION: 4.0

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

1.1. Product identifier

Trade name	Thread Locking HS
Product code	Ford Internal Ref.: 174256
SDS Number	8055
Product use	Professional use

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

Relevant identified uses	Adhesives
Uses advised against	No additional information available.

1.3. Details of the supplier of the safety data sheet

Supplier	Distributor
Ford-Werke GmbH	Ford Motor Company Ltd.
Edsel-Ford-Str. 2-14	Parts Distribution Centre
50769 Cologne	Royal Oak Way South
Germany	NN11 8NT Daventry, Northants
+49 221 90-33333	United Kingdom
sdseu@ford.com	+44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Health hazards	Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
	Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.
	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.
Environmental hazards	Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412	Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms



Signal word

Warning

Contains

2-hydroxypropyl methacrylate; 2,2'-ethylenedioxydiethyl dimethacrylate; 2-Phenylacetohydrazide; 2-hydroxyethyl methacrylate; α,α -dimethylbenzyl hydroperoxide ; [2-[(2-methyl-1-oxoallyl)oxy]ethyl] hydrogen succinate; 2-

Propenoic acid, 2-methyl-, 1-methyl-1,2-ethanediyl ester

Hazard statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P261	Avoid breathing vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves, eye protection.

Response

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

3. SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
2-hydroxypropyl methacrylate	27813-02-1 248-666-3 - 01-2119490226-37-XXXX	25 - 50	Eye Irrit. 2, H319 Skin Sens. 1, H317	
2,2'-ethylenedioxydiethyl dimethacrylate	109-16-0 203-652-6 01-2119969287-21-XXXX	5 - < 10	Skin Sens. 1B, H317	
[2-[(2-methyl-1-oxoallyl)oxy]ethyl] hydrogen succinate	20882-04-6 244-096-4 - 01-2120137902-58-XXXX	1 - < 3	Eye Dam. 1, H318 Skin Sens. 1, H317	
α,α -dimethylbenzyl hydroperoxide	80-15-9 201-254-7 617-002-00-8 01-2119475796-19-XXXX	1 - < 2,5	Org. Perox. E, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Chronic 2, H411	(1 \leq C \leq 3) Eye Irrit. 2, H319 (1 \leq C \leq 10) STOT SE 3, H335 (3 \leq C \leq 10) Skin Irrit. 2, H315 (3 \leq C \leq 10) Eye Dam. 1, H318 (10 \leq C \leq 100) Skin Corr. 1B, H314

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
2-Phenylacetohydrazide	114-83-0 204-055-3 -	0,1 - < 1	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335	
2-hydroxyethyl methacrylate	868-77-9 212-782-2 607-124-00-X 01-2119490169-29- XXXX	0,1 - < 1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317	(Note D)
methacrylic acid	79-41-4 201-204-4 607-088-00-5 01-2119463884-26- XXXX	0,1 - < 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335	(1 ≤ C ≤ 100) STOT SE 3, H335 (Note D)
2-Propenoic acid, 2- methyl-, 1-methyl-1,2- ethanediyl ester	7559-82-2 616-239-4 -	0,1 - < 1	Skin Sens. 1B, H317 STOT SE 3, H335	
1,4-naphthoquinone	130-15-4 204-977-6 -	0,01 - < 0,1	Acute Tox. 3 (Oral), H301 Acute Tox. 1 (Inhalation), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	Note D

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Call a poison center or a doctor if you feel unwell.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Skin contact:

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

Eyes contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation	May cause respiratory irritation. May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	Eye irritation.

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

Treat symptomatically.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition generates : Nitrous oxide. Carbon oxides (CO, CO2).
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5.3. Advice for firefighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	Use standard firefighting procedures and consider the hazards of other involved materials. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	If spilled, may cause the floor to be slippery.
For non-emergency personnel	
Protective equipment	Wear appropriate protective equipment and clothing during clean-up. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	Keep people away from and upwind of spill/leak. Keep unnecessary personnel away. Ventilate spillage area. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained.
For emergency responders	
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	Keep unnecessary personnel away.

6.2. Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases.

6.3. Methods and material for containment and cleaning up

For containment	Stop the flow of material, if this is without risk. Move containers from fire area if it can be done without personal risk.
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Methods for cleaning up Large Spills: Stop leak if safe to do so. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.

Other information Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : " Disposal considerations".

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

adhesives.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

United Kingdom

Regulation	Substance	Type	Value
EH40/2005 (Fourth edition, 2020). HSE	methacrylic acid (79-41-4) Methacrylic acid	WEL TWA	72 mg/m ³
		WEL TWA	20 ppm
		WEL STEL	143 mg/m ³
		WEL STEL	40 ppm

DNEL: Derived no effect level

No data available

Components	Type	Route	Value	Form
2-hydroxypropyl methacrylate (27813-02-1)	Worker	Dermal	4.2 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	14.7 mg/m ³	Long-term - systemic effects
	Consumer	Oral	2.5 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	8.8 mg/m ³	Long-term - systemic effects
		Dermal	2.5 mg/kg bodyweight/day	Long-term - systemic effects
2,2'-ethylenedioxydiethyl dimethacrylate (109-16-0)	Worker	Dermal	13.9 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	48.5 mg/m ³	Long-term - systemic effects
	Consumer	Oral	8.33 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	14.5 mg/m ³	Long-term - systemic effects
		Dermal	8.33 mg/kg bodyweight/day	Long-term - systemic effects
α,α -dimethylbenzyl hydroperoxide (80-15-9)	Worker	Inhalation	6 mg/m ³	Long-term - systemic effects

methacrylic acid (79-41-4)	Worker	Dermal	1 mg/cm ²	Acute - local effects
		Dermal	4.25 mg/kg bodyweight/day	Long-term - systemic effects
	Consumer	Inhalation	29.6 mg/m ³	Long-term - systemic effects
		Inhalation	3.6 mg/m ³	Acute - local effects
		Dermal	2.55 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	6.55 mg/m ³	Long-term - local effects
2-hydroxyethyl methacrylate (868-77-9)	Worker	Dermal	1.3 mg/kg bw/day	Long-term - systemic effects
		Inhalation	4.9 mg/m ³	Long-term - systemic effects
	Consumer	Oral	0.83 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	2.9 mg/m ³	Long-term - systemic effects
		Dermal	0.83 mg/kg bodyweight/day	Long-term - systemic effects

PNEC: Predicted no effect concentration

No data available

Components	Type	Route	Value	Form
2-hydroxypropyl methacrylate (27813-02-1)	Not applicable	Freshwater	0.904 mg/l	
		Seawater	0.904 mg/l	
		Freshwater	0.972 mg/l	Intermittent release
		Seawater	0.972 mg/l	Intermittent release
		sediment	6.28 mg/kg dwt	Freshwater
		sediment	6.28 mg/kg dwt	Seawater
		Soil	0.727 mg/kg dwt	
		STP	10 mg/l	
2,2'-ethylenedioxydiethyl dimethacrylate (109-16-0)	Not applicable	Freshwater	0.016 mg/l	
		Seawater	0.002 mg/l	
		Freshwater	0.016 mg/l	Intermittent release
		sediment	0.185 mg/kg dwt	Freshwater
		sediment	0.018 mg/kg dwt	Seawater
		Soil	0.027 mg/kg dwt	
		STP	1.7 mg/l	
α,α-dimethylbenzyl hydroperoxide (80-15-9)	Not applicable	Freshwater	0.003 mg/l	
		Seawater	0 mg/l	
		sediment	0.23 mg/kg dwt	Freshwater
		sediment	0.002 mg/kg dwt	Seawater
		Soil	0.003 mg/kg dwt	
		STP	0.35 mg/l	
methacrylic acid (79-41-4)	Not applicable	Freshwater	0.82 mg/l	
		Seawater	0 mg/l	
		Freshwater	0.82 mg/l	Intermittent release
		sediment	0.024 mg/kg dwt	Freshwater
		sediment	0.002 mg/kg dwt	Seawater
		Soil	1.2 mg/kg dwt	
		STP	10 mg/l	
2-hydroxyethyl methacrylate (868-77-9)	Not applicable	Freshwater	0.482 mg/l	
		Seawater	0.482 mg/l	
		Freshwater	1 mg/l	Intermittent release
		Seawater	1 mg/l	Intermittent release
		sediment	3.79 mg/kg dwt	Freshwater

sediment	3.79 mg/kg dwt	Seawater
Soil	0.476 mg/kg dwt	
STP	10 mg/l	

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level

Materials for protective clothing

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

Individual protection measures, such as personal protective equipment (PPE)

Eye protection

EN 166. Chemical goggles or face shield

Skin protection

Hand protection

The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.

Other protective measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Recommended: Filter A (brown).

Skin and body protection

Wear suitable protective clothing, EN 14605, EN ISO 13982

Thermal hazard protection

Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Green.
Odour	mild.
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	> 149 °C
Flash point	> 93 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	0.3 mbar @20°C
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	1.1 g/cm³
Solubility	In water, material is partially soluble.

Log Pow	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	No data available

9.2. Other information

VOC (EU)	< 3 %
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10. SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials	Oxidizing agent.
10.6. Hazardous decomposition products	Carbon oxides (CO, CO ₂).

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Mixture

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Thread Locking HS	(calculated value)	ATE	oral	> 2000	mg/kg		
	(calculated value)	ATE	Dermal	> 2000	mg/kg		
	(calculated value)	ATE	Inhalation	> 20	mg/l		

Substance

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
α,α-dimethylbenzyl hydroperoxide (80-15-9)		LD50	oral	800	mg/kg		
		ATE	Dermal	1100	mg/kg		
		ATE	Inhalation	3	mg/l/4h		vapours
methacrylic acid (79-41-4)	(OECD 401 method)	LD50	oral	1320	mg/kg bw	rat	
	(OECD 403 method)	LC50	Inhalation	7,1	mg/l/4h	rat	aerosol
		LD50	Dermal	500-1000	mg/kg bw	rabbit	
2-Phenylacetohydrazide (114-83-0)	(acc. CLP 3.1.2)	ATE	oral	50 - < 300	mg/kg		

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

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	May cause respiratory irritation.
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

12. SECTION 12: Ecological information

12.1. Toxicity

Ecology - general Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute)

Substance / Product	Trophic level	Species	Type	Value	Duration	Remarks
α,α-dimethylbenzyl hydroperoxide (80-15-9)	crustacea		EC50	7 mg/l	24 h	
	Fish		LC50	3,9 mg/l	96 h	

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

α,α-dimethylbenzyl hydroperoxide (80-15-9)

Log Pow	1.6
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12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Thread Locking HS

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Other adverse effects

No additional information available.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations.
Waste treatment methods	Collect and reclaim or dispose in closed containers at licensed waste disposal site. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not allow to enter drains or water courses. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Additional information	Dispose in accordance with all applicable regulations.
European List of Waste (LoW) code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10*	packaging containing residues of or contaminated by dangerous substances

14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN
Not regulated for transport

15. SECTION 15: Regulatory information

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

EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

α,α -dimethylbenzyl hydroperoxide	3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
Thread Locking HS ; 2-hydroxypropyl methacrylate ; 2,2'-ethylenedioxydiethyl dimethacrylate ; α,α -dimethylbenzyl hydroperoxide ; methacrylic acid ; 2-Phenylacetohydrazide ; 2-hydroxyethyl methacrylate ; 2-Propenoic acid, 2-methyl-, 1-methyl-1,2-ethanediyl ester ; [2-[(2-methyl-1-oxoallyl)oxy]ethyl] hydrogen succinate	3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
Thread Locking HS ; α,α -dimethylbenzyl hydroperoxide	3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
2-hydroxypropyl methacrylate ; 2-Phenylacetohydrazide ; 1,4-naphthoquinone ; 2-Propenoic acid, 2-methyl-, 1-methyl-1,2-ethanediyl ester ; [2-[(2-methyl-1-oxoallyl)oxy]ethyl] hydrogen succinate	72. The substances listed in column 1 of the Table in Appendix 12
Contains no substance on the REACH candidate list	
Contains no REACH Annex XIV substances	

VOC (EU)

< 3 %

Other information, restriction and prohibition regulations

Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. Directive 94/33/EC on the protection of young people at work, as amended. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. For details, refer to section 3 and 8.

Seveso Information

Not applicable

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. SECTION 16: Other information

Indication of changes

Composition/information on ingredients. Section 2. Section 3.

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW	Occupational exposure limit value
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)

BAM	Federal Institute for Materials Research and Testing, Germany
BAT	Maximum permissible concentration of biological working substances.
BCF	Bio-concentration factor.
BLV	Biological limit values
BLV	Biological limit values (BGW, Austria)
BMGV	Biological Monitoring Guidance Value (EH40,UK).
BOD5	Biochemical oxygen demand within 5 days
BOD	Biochemical oxygen demand
bw	Body weight.
calcd.	Calculated
CAS	Chemical Abstract Service.
CEN	European Committee for Standardization
CESIO	European Committee on Organic Surfactants and their Intermediates.
COD	Chemical oxygen demand
CLP	Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
CMR	Carcinogenic, Mutagenic or Reproduction Toxic Substances
CSA	Chemical safety assessment
CSR	Chemical Safety Report.
DMEL	Derived Minimum Effect Level.
DNEL	Derived no effect level
EAC	European waste catalogue
EC	European community
EC50	Effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
EN	European norm.
ERC	ERC (Environmental Release category)
EU	European Union
GLP	Good Laboratory Practice.
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
GW/VL	Occupational exposure limit value.
GW-kw/VL-cd	Occupational exposure limit value - short term.
GW-M/VL-M	Occupational exposure limit value – "Ceiling".
IATA	International Air Transport Association
IBC code	International Bulk Chemical (Code) (International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk).
ICAO	International Civil Aviation Organization
IC50	Inhibition Concentration 50%.
IECSC	Inventory of Existing Chemical Substances in China.
IMDG	International Maritime Dangerous Goods
ISO	International Standards Organization.
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal Concentration 50%.
LCLo	Lowest published lethal concentration.
LD50	Lethal Dose 50%.

LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest observable effect concentration.
LOEL	Lowest observable effect level.
LQ	Limited quantities
TRK-Kzw	Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value, Austria.
MAK-Mow	Maximum allowable workplace concentration – instantaneous value, Austria.
MAK-Tmw, TRK-Tmw	Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value, Austria.
MAK	Threshold limit values Germany.
MARPOL	International Convention for the Prevention of Pollution from Ships.
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
NOEL	no-observed-effect level
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limits
PBT	Persistent Bioaccumulative Toxic
PC (Chemical product category)	PC (Chemical product category)
PNEC	Predicted No-Effect Concentration
POCP	Photochemical ozone creation potential.
POP	Persistent Organic Pollutants
PPE	Personal protective equipment
Process category	Process category
REACH	Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL	Specific concentration limit.
STEL	Short-term Exposure Limit
STP	Sewage treatment plant
SU (Sector of use)	SU (Sector of use)
SVHC	Substance of Very High Concern.
TLV	Threshold Limit Value
TRGS	Technical Rules for Hazardous Substances (German Standard).
TWA	Time Weighted Average
UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
VbF	Ordinance on Flammable Liquids, Austria
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
WEL-TWA	Workplace Exposure Limit-Long term exposure limit (8-hour TWA(=time weighted average)reference period).
WEL-STEL	Workplace Exposure Limit-Short term exposure limit (15-minute reference period).

Data sources

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..

Training advice Normal use of this product shall imply use in accordance with the instructions on the packaging

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 product information 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 product information sheet is not necessarily valid for the new made-up material..

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

Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335
Aquatic Chronic 3	H412

Full text of H- and EUH-statements

Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1.
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3.
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3.
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3.
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4.
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4.
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4.
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1.
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2.
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3.
Carc. 2	Carcinogenicity, Category 2.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
Org. Perox. E	Organic Peroxides, Type E.
Skin Corr. 1A	Skin corrosion/irritation, Category 1A.
Skin Corr. 1B	Skin corrosion/irritation, Category 1B.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
Skin Sens. 1	Skin sensitisation, Category 1.
Skin Sens. 1B	Skin sensitisation, category 1B.
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2.
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation.
H242	Heating may cause a fire..
H301	Toxic if swallowed..
H302	Harmful if swallowed..
H311	Toxic in contact with skin..
H312	Harmful in contact with skin..
H314	Causes severe skin burns and eye damage..
H315	Causes skin irritation..
H317	May cause an allergic skin reaction..
H318	Causes serious eye damage..

H319	Causes serious eye irritation..
H330	Fatal if inhaled..
H331	Toxic if inhaled..
H332	Harmful if inhaled..
H335	May cause respiratory irritation..
H351	Suspected of causing cancer..
H373	May cause damage to organs through prolonged or repeated exposure..
H400	Very toxic to aquatic life..
H410	Very toxic to aquatic life with long lasting effects..
H411	Toxic to aquatic life with long lasting effects..
H412	Harmful to aquatic life with long lasting effects..

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method
Aquatic Chronic 3	H412	Calculation method

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.

Attachment to the Safety Data Sheet



Product Name: Thread Locking HS

Ford Int. Ref. No.: 174256

REVISION DATE: 24.02.2020

Involved Products:

Finiscode	Part number	Container Size:
1 1 461 313	6U7J M2G349 AA	5 ml