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

1.1. Product identifier

Trade name	Primer All-in-One
Product code	Ford Internal Ref.: 195158
SDS Number	5891
Product use	Professional use

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

Relevant identified uses	Primer
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

Physical hazards	Flammable liquids, Category 2	H225	Highly flammable liquid and vapour.
Health hazards	Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
	Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.

2.2. Label elements

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

Hazard pictograms

Signal word	Danger
Contains	butanone; ethyl acetate; n-butyl acetate
Hazard statements	
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.

H336	May cause drowsiness or dizziness.
Precautionary statements	
Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapours.
P280	Wear eye protection, face protection, protective gloves.
Response	
P337+P313	If eye irritation persists: Get medical advice/attention
P370+P378	In case of fire: Use foam, extinguishing powder, carbon dioxide (CO2) to extinguish
Supplemental hazard information	
EUH066	Repeated exposure may cause skin dryness or cracking
EUH204	Contains isocyanates. May produce an allergic reaction.

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
butanone	78-93-3 201-159-0 606-002-00-3 01-2119457290-43-XXXX	20 - 40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	substance with a Community workplace exposure limit
ethyl acetate	141-78-6 205-500-4 607-022-00-5 01-2119475103-46-XXXX	20 - 40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	substance with a Community workplace exposure limit
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29-XXXX	5 - < 10	Flam. Liq. 3, H226 STOT SE 3, H336	
Tris(p-isocyanatophenyl) thiophosphate	4151-51-3 223-981-9 01-2119948848-16-XXXX	1 - 5	Acute Tox. 4 (Oral), H302	

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
acrylic acid	79-10-7 201-177-9 607-061-00-8 01-2119452449-31-XXXX	0,1 - < 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	(1 =<C < 100) STOT SE 3, H335 substance with a Community workplace exposure limit (Note D)
4-isocyanatosulphonyltoluene	4083-64-1 223-810-8 615-012-00-7 01-2119980050-47-XXXX	0,1 - < 1	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334	(5 =<C < 100) Eye Irrit. 2, H319 (5 =<C < 100) STOT SE 3, H335 (5 =<C < 100) Skin Irrit. 2, H315
Benzene, 2,4-diisocyanato-1-methyl-, homopolymer	26006-20-2 607-844-4	0,1 - < 1	Eye Irrit. 2, H319 Skin Sens. 1, H317	
m-TDI oligomers, isocyanurate	938-708-5 01-2119950331-47-XXXX	0,1 - 1	Skin Sens. 1, H317	

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 Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eyes contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

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

Symptoms/effects: May cause drowsiness or dizziness.

Symptoms/effects after skin contact Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact Eye irritation. Conjunctivitis.

Symptoms/effects after ingestion May cause drowsiness or dizziness.

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 water jet as an extinguisher, as this will spread the fire. solvent-based developer solutions.

5.2. Special hazards arising from the substance or mixture

Fire hazard Highly flammable liquid and vapour.

Hazardous combustion products During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Firefighting instructions Wear self-contained breathing apparatus and protective suit (see section 8).

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment Use personal protective equipment as required.

Emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

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. For personal protection, see section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Large Spills: Stop the flow of material, if this is without risk. 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. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite.

Other information The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas.

6.4. Reference to other sections

For further information refer to section 13.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, aerosol, dust, fume, gas, mist. Avoid contact with skin and eyes.

Hygiene measures	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

Technical measures	Ground/bond container and receiving equipment.
Storage conditions	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Storage temperature	< 25 °C

7.3. Specific end use(s)

Primer.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EU

Regulation	Substance	Type	Value
COMMISSION DIRECTIVE (EU) 2017/164	**ethyl acetate (141-78-6)** Ethyl acetate	IOELV TWA	734 mg/m³
		IOELV TWA	200 ppm
		IOELV STEL	1468 mg/m³
		IOELV STEL	400 ppm
	acrylic acid (79-10-7) Acrylic acid; Prop-2-enoic acid	IOELV TWA	29 mg/m³
		IOELV TWA	10 ppm
		IOELV STEL	59 mg/m³ (10)
		IOELV STEL	20 ppm (10)
		Notes	(10) Grenzwert für die Kurzzeitexposition für einen Bezugszeitraum von einer Minute.
COMMISSION DIRECTIVE 2000/39/EC	**butanone (78-93-3)** Butanone	IOELV TWA	600 mg/m³
		IOELV TWA	200 ppm
		IOELV STEL	900 mg/m³
		IOELV STEL	300 ppm

United Kingdom

Regulation	Substance	Type	Value
EH40. HSE	**butanone (78-93-3)** Butan-2-one (methyl ethyl ketone)	WEL TWA	600 mg/m³
		WEL TWA	200 ppm
		WEL STEL	899 mg/m³
		WEL STEL	300 ppm
		Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)
	ethyl acetate (141-78-6) Ethyl acetate	WEL TWA	734 mg/m³
		WEL TWA	200 ppm
		WEL STEL	1468 mg/m³
		WEL STEL	400 ppm
EH40/2005 (Third edition, 2018). HSE	**n-butyl acetate (123-86-4)** Butyl acetate	WEL TWA	724 mg/m³
		WEL TWA	150 ppm
		WEL STEL	966 mg/m³
		WEL STEL	200 ppm
	acrylic acid (79-10-7) Acrylic acid (Prop-2-enoic acid)	WEL TWA	29 mg/m³
		WEL TWA	10 ppm

United Kingdom

	WEL STEL	59 mg/m³ STEL in relation to a 1-minute reference period
	WEL STEL	20 ppm STEL in relation to a 1-minute reference period

United Kingdom

Regulation	Substance	Type	Value
EH40. HSE	**Carbon black (1333-86-4)** Carbon black	WEL TWA	3.5 mg/m³
		WEL STEL	7 mg/m³

DNEL: Derived no effect level

No data available

Components	Type	Route	Value	Form
butanone (78-93-3)	Worker	Dermal	1161 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	600 mg/m³	Long-term - systemic effects
	Consumer	Oral	31 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	106 mg/m³	Long-term - systemic effects
		Dermal	412 mg/kg bodyweight/day	Long-term - systemic effects
ethyl acetate (141-78-6)	Worker	Inhalation	1468 mg/m³	Acute - systemic effects
		Inhalation	1468 mg/m³	Acute - local effects
		Dermal	63 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	734 mg/m³	Long-term - systemic effects
		Inhalation	734 mg/m³	Long-term - local effects
	Consumer	Inhalation	734 mg/m³	Acute - systemic effects
		Inhalation	734 mg/m³	Acute - local effects
		Oral	4.5 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	367 mg/m³	Long-term - systemic effects
		Dermal	37 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	367 mg/m³	Long-term - local effects
n-butyl acetate (123-86-4)	Worker	Dermal	11 mg/kg bodyweight/day	Acute - systemic effects
		Inhalation	600 mg/m³	Acute - systemic effects
		Inhalation	600 mg/m³	Acute - local effects
		Dermal	11 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	300 mg/m³	Long-term - systemic effects
		Inhalation	300 mg/m³	Long-term - local effects
	Consumer	Dermal	6 mg/kg bodyweight	Acute - systemic effects
		Inhalation	300 mg/m³	Acute - systemic effects
		Oral	2 mg/kg bodyweight	Acute - systemic effects
		Inhalation	300 mg/m³	Acute - local effects
		Oral	2 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	35.7 mg/m³	Long-term - systemic effects
		Dermal	6 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	35.7 mg/m³	Long-term - local effects
acrylic acid (79-10-7)	Worker	Dermal	1 mg/cm²	Acute - local effects
		Inhalation	30 mg/m³	Acute - local effects
		Inhalation	30 mg/m³	Long-term - local effects
	Consumer	Dermal	1 mg/cm²	Acute - local effects
		Inhalation	3.6 mg/m³	Acute - local effects
		Inhalation	3.6 mg/m³	Long-term - local effects

4-isocyanatosulphonyltoluene (4083-64-1)	Worker	Dermal	0.92 mg/kg bodyweight/day	Acute - systemic effects
		Inhalation	3.24 mg/m³	Long-term - systemic effects
	Consumer	Oral	0.46 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	0.8 mg/m³	Long-term - systemic effects
		Dermal	0.46 mg/kg bodyweight/day	Long-term - systemic effects
Tris(p-isocyanatophenyl) thiophosphate (4151-51-3)	Worker	Inhalation	0.047 mg/m³	Long-term - local effects
m-TDI oligomers, isocyanurate	Worker	Inhalation	0.345 mg/m³	Long-term - local effects

PNEC: Predicted no effect concentration

No data available

Components	Type	Route	Value	Form
butanone (78-93-3)	Not applicable	Freshwater	55.8 mg/l	
		Seawater	55.8 mg/l	
		Freshwater	55.8 mg/l	Intermittent release
		sediment	284.74 mg/kg dwt	Freshwater
		sediment	284.7 mg/kg dwt	Seawater
		Soil	22.5 mg/kg dwt	
		Oral	1000 mg/kg food	Secondary Poisoning
		STP	709 mg/l	
ethyl acetate (141-78-6)	Not applicable	Freshwater	0.24 mg/l	
		Seawater	0.024 mg/l	
		Freshwater	1.65 mg/l	Intermittent release
		sediment	1.15 mg/kg dwt	Freshwater
		sediment	0.115 mg/kg dwt	Seawater
		Soil	0.148 mg/kg dwt	
		Oral	200 mg/kg food	Secondary Poisoning
		STP	650 mg/l	
n-butyl acetate (123-86-4)	Not applicable	Freshwater	0.18 mg/l	
		Seawater	0.018 mg/l	
		Freshwater	0.36 mg/l	Intermittent release
		sediment	0.981 mg/kg dwt	Freshwater
		sediment	0.098 mg/kg dwt	Seawater
		Soil	0.09 mg/kg dwt	
		STP	35.6 mg/l	
acrylic acid (79-10-7)	Not applicable	Freshwater	0.003 mg/l	
		Seawater	0 mg/l	
		Freshwater	0.001 mg/l	Intermittent release
		sediment	0.024 mg/kg dwt	Freshwater
		sediment	0.002 mg/kg dwt	Seawater
		Soil	1 mg/kg dwt	
		Oral	0.03 g/kg food	Secondary Poisoning
		STP	0.9 mg/l	
4-isocyanatosulphonyltoluene (4083-64-1)	Not applicable	Freshwater	0.03 mg/l	
		Seawater	0.003 mg/l	
		Freshwater	0.3 mg/l	Intermittent release

		sediment	0.172 mg/kg dwt	Freshwater
		sediment	0.017 mg/kg dwt	Seawater
		Soil	0.017 mg/kg dwt	
		STP	0.4 mg/l	
Tris(p-isocyanatophenyl) thiophosphate (4151-51-3)	Not applicable	Freshwater	0.1 mg/l	
		Seawater	0.01 mg/l	
		Freshwater	1 mg/l	Intermittent release
		sediment	2557 mg/kg dwt	Freshwater
		sediment	155 mg/kg dwt	Seawater
		Soil	510 mg/kg dwt	
		STP	100 mg/l	
m-TDI oligomers, isocyanurate	Not applicable	Freshwater	0.1 mg/l	
		Seawater	0.01 mg/l	
		Freshwater	0.1 mg/l	Intermittent release
		sediment	3302 mg/kg dwt	Freshwater
		sediment	330 mg/kg dwt	Seawater
		Soil	658 mg/kg dwt	
		STP	0.1 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: Wear suitable protective clothing.

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

Eye protection: Safety glasses with side shields. EN 166.

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
Butyl rubber	240 - 479 minutes	0.7	Glove recommendation: Butoject® 898 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Butyl rubber	240 - 479 minutes	0.7	Glove recommendation: Butoject® 898 (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

Device	Filter type	Condition	Comments
Aerosol mask	ABEK-P2		EN 14387

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	Black.
Odour	solvents-like.
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	77 °C
Flash point	-7 °C Closed cup
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	470 mbar @ 55°C
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	0.98 g/cm³ @ 20°C
Solubility	Moderately soluble in water.
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	5 - 14 mPa·s @ 23°C
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

VOC (EU)	66.4 %

10. SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour. Reacts with : Water. Alcohol. Amines. This product may react with oxidizing agents. Reacts with water, generates gases or heat and overpressure : rupture containers.

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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. humidity.

10.5. Incompatible materials

Water. Amines. alcohols. Strong oxidizing agent.

10.6. Hazardous decomposition products

During fire, gases hazardous to health may be formed. Isocyanates. On contact with humidity, releases: Carbon dioxide. pressure rise and possible bursting of container.

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
Primer All-in-One	(calculated value)	ATE	oral	> 2000	mg/kg		

Substance

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
acrylic acid (79-10-7)		LD50	oral	1500	mg/kg	rat	
		ATE	Inhalation	11	mg/l/4h		vapours
	(OECD 402 method)	LD50	Dermal	> 2000	mg/kg	rabbit	
Tris(p-isocyanatophenyl) thiophosphate (4151-51-3)	(OECD 423 method)	LD50	oral	> 675	mg/kg	rat	
	(OECD 403 method)	LC50	Inhalation	> 5.721	mg/l/4h	rat	aerosol

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

Additional information 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 drowsiness or dizziness.

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

Potential adverse human health effects and symptoms Exposure may cause temporary irritation, redness, or discomfort. Headache.

12. SECTION 12: Ecological information

12.1. Toxicity

Ecology - general The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

Substance / Product	Trophic level	Species	Type	Value	Duration	Remarks
acrylic acid (79-10-7)	Fish	Oncorhynchus mykiss (Rainbow trout)	LC50	27 mg/l	96h	EPA OTS 797.1400
	algae	Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	EC50	0,13 mg/l	72 h	

Hazardous to the aquatic environment, long-term (chronic)

Substance / Product	Trophic level	Species	Type	Value	Duration	Remarks
acrylic acid (79-10-7)	algae	Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	EC50	0,04 mg/l	72 h	
	aquatic invertebrates	Daphnia magna	NOEC	3,8 mg/l	21 d	

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

n-butyl acetate (123-86-4)

Log Pow	1.78

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Primer All-in-One

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

Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

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 sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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 for recycling, recovery or waste in accordance with local regulation.
Additional information	Flammable vapours may accumulate in the container. 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

14.1. UN number

UN-No. (ADR)	1139
UN-No. (IMDG)	1139
UN-No. (IATA)	1139
UN-No. (ADN)	1139
UN-No. (RID)	1139

14.2. UN proper shipping name

Proper Shipping Name (ADR)	COATING SOLUTION
Proper Shipping Name (IMDG)	COATING SOLUTION
Proper Shipping Name (IATA)	Coating solution

Proper Shipping Name (ADN)	COATING SOLUTION
Proper Shipping Name (RID)	COATING SOLUTION

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	3
Danger labels (ADR)	3

IMDG

Transport hazard class(es) (IMDG)	3
Danger labels (IMDG)	3

IATA

Transport hazard class(es) (IATA)	3
Hazard labels (IATA)	3

ADN

Transport hazard class(es) (ADN)	3
Danger labels (ADN)	3

RID

Transport hazard class(es) (RID)	3
Danger labels (RID)	3

14.4. Packing group

Packing group (ADR)	II
Packing group (IMDG)	II
Packing group (IATA)	II
Packing group (ADN)	II
Packing group (RID)	II

14.5. Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user

Overland transport

Classification code (ADR)	F1
Special provisions (ADR)	640D
Limited quantities (ADR)	5l
Packing instructions (ADR)	P001, IBC02, R001
Hazard identification number (Kemler No.)	33
Tunnel restriction code (ADR)	D/E

Transport by sea

Limited quantities (IMDG)	5 L
Packing instructions (IMDG)	P001
EmS-No. (Fire)	F-E
EmS-No. (Spillage)	S-E
Stowage category (IMDG)	B

Air transport

PCA Excepted quantities (IATA)	E2

PCA Limited quantities (IATA)	Y341
PCA limited quantity max net quantity (IATA)	1L
PCA packing instructions (IATA)	353
PCA max net quantity (IATA)	5L
CAO packing instructions (IATA)	364
CAO max net quantity (IATA)	60L
Special provisions (IATA)	A3
ERG code (IATA)	3L

Inland waterway transport

Classification code (ADN)	F1
Special provisions (ADN)	640D
Limited quantities (ADN)	5 L

Rail transport

Classification code (RID)	F1
Special provisions (RID)	640D
Limited quantities (RID)	5L
Packing instructions (RID)	P001, IBC02, R001
Hazard identification number (RID)	33

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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

butanone - ethyl acetate - n-butyl acetate - acrylic acid - 4-isocyanatosulphonyltoluene	3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
Primer All-in-One - butanone - ethyl acetate - n-butyl acetate - acrylic acid	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
Primer All-in-One - butanone - ethyl acetate - acrylic acid - 4-isocyanatosulphonyltoluene - Benzene, 2,4-diisocyanato-1-methyl-, homopolymer	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
acrylic acid	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
butanone - ethyl acetate - n-butyl acetate - acrylic acid	40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC (EU)	66.4 %

Other information, restriction and prohibition regulations	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. Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. For details, refer to section 3 and 8.
Seveso Information	P5b FLAMMABLE LIQUIDS — Flammable liquids Category 2 or 3 where particular processing conditions, such as high pressure or high temperature, may create major-accident hazards, or — Other liquids with a flash point ≤ 60 °C where particular processing conditions, such as high pressure or high temperature, may create major-accident hazards

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

1.4. Emergency telephone number. Portuguese.

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

Full text of H- and EUH-statements

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 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2.
Flam. Liq. 2	Flammable liquids, Category 2.
Flam. Liq. 3	Flammable liquids, Category 3.
Resp. Sens. 1	Respiratory sensitisation, Category 1.
Skin Corr. 1A	Skin corrosion/irritation, Category 1A.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
Skin Sens. 1	Skin sensitisation, Category 1.
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis.
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
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.
H319	Causes serious eye irritation.

H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH204	Contains isocyanates. May produce an allergic reaction..

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

Flam. Liq. 2	H225	Expert judgment
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	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: Primer All-in-One

Ford Int. Ref. No.: 195158 REVISION DATE: 14.11.2019

Involved Products:

	Finiscode	Part number	Container Size:
.	1	FU7J M2G314 AA	10 ml

Part of Kit:

2 053 958	FU7J T03863 AB	Windscreen Adhesive Kit - 1 Component H1-310
2 053 960	FU7J T03863 CB	Windscreen Adhesive Kit - 1 Component H1-400
2 053 962	FU7J T03863 EB	Windscreen Adhesive Kit - 2 Component H2