

PRIMER ALL-IN-ONE



SAFETY DATA SHEET

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

ISSUE DATE: 07.05.2015
REVISION DATE: 22.12.2022
SUPERSEDES: 18.03.2021
VERSION: 4.1

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

1.1. Product identifier

Product form : Mixture
Trade name : Primer All-in-One
Product code : Ford Internal Ref.: 195158
SDS Number : 5891
UFI : 66GE-QJQ8-U008-J1M0
Product use : Professional use

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

1.2.1. Relevant identified uses

Function or use category : Primer

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Ford-Werke GmbH
Edsel-Ford-Str. 2-14
50769 Cologne
Germany
+49 221 90-33333
sdseu@ford.com

Distributor

Ford Motor Company Ltd.
Parts Distribution Centre
Royal Oak Way South
NN11 8NT Daventry, Northants
United Kingdom
+44 1327 305 198

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

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.

Full text of H- and EUH-statements: see section 16

Adverse psychochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

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, 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.

EUH-statements

EUH066 - Repeated exposure may cause skin dryness or cracking.
EUH204 - Contains isocyanates. May produce an allergic reaction.

Extra phrases

As from 24 August 2023 adequate training is required before industrial or professional use.

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.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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 [CLP]	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 (ATE=500 mg/kg bodyweight)	

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 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h) Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1.0) 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) Skin Irrit. 2, H315 (5 ≤C ≤ 100) STOT SE 3, H335 (5 ≤C ≤ 100) Eye Irrit. 2, H319
Benzene, 2,4-diisocyanato-1-methyl-, homopolymer	26006-20-2 607-844-4	0,1 - < 1	Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h) Eye Irrit. 2, H319 Skin Sens. 1, H317	
Benzene, 1,3-diisocyanatomethyl-, homopolymer	9017-01-0	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- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
First-aid measures after 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.
First-aid measures after eye 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.
First-aid measures after 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. May produce an allergic reaction.
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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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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 decomposition products in case of fire : 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. 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.

6.1.2. 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.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

butanone (78-93-3)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Butanone
IOEL TWA	600 mg/m ³
IOEL TWA [ppm]	200 ppm
IOEL STEL	900 mg/m ³
IOEL STEL [ppm]	300 ppm
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

United Kingdom - Occupational Exposure Limits

Local name	Butan-2-one (methyl ethyl ketone)
WEL TWA (OEL TWA) [1]	600 mg/m ³
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	899 mg/m ³
WEL STEL	300 ppm
Remark	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)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

United Kingdom - Biological limit values

Local name	Butan-2-one (methyl ethyl ketone)
BMGV	70 µmol/l Parameter: butan-2-one - Medium: urine - Sampling time: Post shift
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

ethyl acetate (141-78-6)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Ethyl acetate
IOEL TWA	734 mg/m ³
IOEL TWA [ppm]	200 ppm
IOEL STEL	1468 mg/m ³
IOEL STEL [ppm]	400 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164

United Kingdom - Occupational Exposure Limits

Local name	Ethyl acetate
WEL TWA (OEL TWA) [1]	734 mg/m ³
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	1468 mg/m ³
WEL STEL	400 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

n-butyl acetate (123-86-4)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	n-Butyl acetate
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IOEL TWA	241 mg/m ³
IOEL TWA [ppm]	50 ppm
IOEL STEL	723 mg/m ³
IOEL STEL [ppm]	150 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2019/1831

United Kingdom - Occupational Exposure Limits

Local name	Butyl acetate
WEL TWA (OEL TWA) [1]	724 mg/m ³
WEL TWA (OEL TWA) [2]	150 ppm
WEL STEL (OEL STEL)	966 mg/m ³
WEL STEL	200 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

acrylic acid (79-10-7)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Acrylic acid; Prop-2-enoic acid
IOEL TWA	29 mg/m ³
IOEL TWA [ppm]	10 ppm
IOEL STEL	59 mg/m ³ (10)
IOEL STEL [ppm]	20 ppm (10)
Remark	(10) Grenzwert für die Kurzzeitexposition für einen Bezugszeitraum von einer Minute.
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164

United Kingdom - Occupational Exposure Limits

Local name	Acrylic acid (Prop-2-enoic acid)
WEL TWA (OEL TWA) [1]	29 mg/m ³
WEL TWA (OEL TWA) [2]	10 ppm
WEL STEL (OEL STEL)	59 mg/m ³ STEL in relation to a 1-minute reference period
WEL STEL	20 ppm STEL in relation to a 1-minute reference period
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Exposure limit values for the other components

Carbon black (1333-86-4)

United Kingdom - Occupational Exposure Limits

Local name	Carbon black
WEL TWA (OEL TWA) [1]	3.5 mg/m ³
WEL STEL (OEL STEL)	7 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

butanone (78-93-3)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	1161 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	600 mg/m ³

DNEL/DMEL (General population)

Long-term - systemic effects, oral	31 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	106 mg/m ³
Long-term - systemic effects, dermal	412 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	55.8 mg/l
PNEC aqua (marine water)	55.8 mg/l
PNEC aqua (intermittent, freshwater)	55.8 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	284.74 mg/kg dwt
PNEC sediment (marine water)	284.7 mg/kg dwt

PNEC (Soil)

PNEC soil	22.5 mg/kg dwt
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PNEC (Oral)

PNEC oral (secondary poisoning)	1000 mg/kg food
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PNEC (STP)

PNEC sewage treatment plant	709 mg/l
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ethyl acetate (141-78-6)

DNEL/DMEL (Workers)

Acute - systemic effects, inhalation	1468 mg/m ³
Acute - local effects, inhalation	1468 mg/m ³
Long-term - systemic effects, dermal	63 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	734 mg/m ³
Long-term - local effects, inhalation	734 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, inhalation	734 mg/m ³
Acute - local effects, inhalation	734 mg/m ³
Long-term - systemic effects, oral	4.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	367 mg/m ³
Long-term - systemic effects, dermal	37 mg/kg bodyweight/day
Long-term - local effects, inhalation	367 mg/m ³

PNEC (Water)

PNEC aqua (freshwater)	0.24 mg/l
PNEC aqua (marine water)	0.024 mg/l
PNEC aqua (intermittent, freshwater)	1.65 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	1.15 mg/kg dwt
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PNEC sediment (marine water)	0.115 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.148 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.2 g/kg food
PNEC (STP)	
PNEC sewage treatment plant	650 mg/l

n-butyl acetate (123-86-4)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	11 mg/kg bodyweight/day
Acute - systemic effects, inhalation	600 mg/m ³
Acute - local effects, inhalation	600 mg/m ³
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	300 mg/m ³
Long-term - local effects, inhalation	300 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, dermal	6 mg/kg bodyweight
Acute - systemic effects, inhalation	300 mg/m ³
Acute - systemic effects, oral	2 mg/kg bodyweight
Acute - local effects, inhalation	300 mg/m ³
Long-term - systemic effects, oral	2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	35.7 mg/m ³
Long-term - systemic effects, dermal	6 mg/kg bodyweight/day
Long-term - local effects, inhalation	35.7 mg/m ³

PNEC (Water)

PNEC aqua (freshwater)	0.18 mg/l
PNEC aqua (marine water)	0.018 mg/l
PNEC aqua (intermittent, freshwater)	0.36 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	0.981 mg/kg dwt
PNEC sediment (marine water)	0.098 mg/kg dwt

PNEC (Soil)

PNEC soil	0.09 mg/kg dwt
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PNEC (STP)

PNEC sewage treatment plant	35.6 mg/l
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acrylic acid (79-10-7)

DNEL/DMEL (Workers)

Acute - local effects, dermal	1 mg/cm ²
Acute - local effects, inhalation	30 mg/m ³
Long-term - local effects, inhalation	30 mg/m ³

DNEL/DMEL (General population)

Acute - local effects, dermal	1 mg/cm ²
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Acute - local effects, inhalation	3.6 mg/m ³
Long-term - local effects, inhalation	3.6 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.003 mg/l
PNEC aqua (marine water)	0.3 µg/L
PNEC aqua (intermittent, freshwater)	0.001 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.024 mg/kg dwt
PNEC sediment (marine water)	0.002 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.03 g/kg food
PNEC (STP)	
PNEC sewage treatment plant	0.9 mg/l

4-isocyanatosulphonyltoluene (4083-64-1)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.92 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3.24 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.46 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.8 mg/m ³
Long-term - systemic effects, dermal	0.46 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.03 mg/l
PNEC aqua (marine water)	0.003 mg/l
PNEC aqua (intermittent, freshwater)	0.3 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.172 mg/kg dwt
PNEC sediment (marine water)	0.017 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.017 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.4 mg/l

Tris(p-isocyanatophenyl) thiophosphate (4151-51-3)

DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	0.047 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (marine water)	0.01 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l

PNEC (Sediment)

PNEC sediment (freshwater) 2557 mg/kg dwt

PNEC sediment (marine water) 155 mg/kg dwt

PNEC (Soil)

PNEC soil 510 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant 100 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering 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.

8.2.2. Personal protection equipment

Personal protective equipment:

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

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields. EN 166.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. EN 14605. EN ISO 13982

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 skin protection

Materials for protective clothing:

Wear suitable protective clothing.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection

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

8.2.2.4. Thermal hazards

Thermal hazard protection:

Wear appropriate thermal protective clothing, when necessary.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Inform appropriate managerial or supervisory personnel of all environmental releases.

Other information:

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.

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	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: 80 °C
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: -5.5 °C Closed cup
Auto-ignition temperature	: > 300 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 11 mm ² /s (20 °C)
Viscosity, dynamic	: 5 – 14 mPa.s (23 °C)
Solubility	: Moderately soluble in water.
Log Kow	: Not available
Vapour pressure	: 470 mbar @ 55°C
Vapour pressure at 50°C	: Not available
Density	: 0.98 g/cm ³ @ 20°C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 66.4 %

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.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Primer All-in-One	
ATE CLP (oral)	> 2000 mg/kg bodyweight
ATE CLP (dermal)	> 2000 mg/kg bodyweight
ATE CLP (vapours)	> 20 mg/l/4h

acrylic acid (79-10-7)	
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Benzene, 2,4-diisocyanato-1-methyl-, homopolymer (26006-20-2)	
ATE CLP (vapours)	11 mg/l/4h

Tris(p-isocyanatophenyl) thiophosphate (4151-51-3)	
LD50 oral	676 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	: 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.

butanone (78-93-3)	
STOT-single exposure	May cause drowsiness or dizziness.

ethyl acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.

n-butyl acetate (123-86-4)	
STOT-single exposure	May cause drowsiness or dizziness.

acrylic acid (79-10-7)	
STOT-single exposure	May cause respiratory irritation.

4-isocyanatosulphonyltoluene (4083-64-1)	
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

Primer All-in-One

Viscosity, kinematic	11 mm ² /s (20 °C)
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2. Other information

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

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) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

acrylic acid (79-10-7)

LC50 - Fish [1]	27 mg/l
EC50 - Crustacea [1]	47 mg/l Daphnia magna
EC50 72h - Algae [1]	0.13 mg/l Scenedesmus subspicatus
NOEC chronic fish	10.1 mg/l
NOEC chronic crustacea	19 mg/l Daphnia magna

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

n-butyl acetate (123-86-4)

Log Pow	1.78
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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. Endocrine disrupting properties

No additional information available

12.7. 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

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

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	: UN 1139
UN-No. (IMDG)	: UN 1139
UN-No. (IATA)	: UN 1139
UN-No. (ADN)	: UN 1139
UN-No. (RID)	: UN 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)	: 5I
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. Maritime transport in bulk according to IMO instruments

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

EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3.	butanone ; ethyl acetate ; n-butyl acetate ; acrylic acid ; 4-isocyanatosulphonyltoluene
3(a)	Primer All-in-One ; butanone ; ethyl acetate ; n-butyl acetate ; acrylic acid
3(b)	Primer All-in-One ; butanone ; ethyl acetate ; acrylic acid ; 4-isocyanatosulphonyltoluene ; Benzene, 2,4-diisocyanato-1-methyl-, homopolymer
3(c)	acrylic acid
40.	butanone ; ethyl acetate ; n-butyl acetate ; acrylic acid

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

VOC content : 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.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : Not applicable

Seveso III Part I (Categories of dangerous substances)

	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5b FLAMMABLE LIQUIDS	50	200
— 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		

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

Indication of changes:

SECTION 3 : Composition/information on ingredients. SECTION 9 : Physical and chemical properties.

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative
SDS	Safety Data Sheet
OEL	Occupational Exposure Limit

RRN REACH Registration no.
CAO Cargo Aircraft Only
PCA Passenger and Cargo Aircraft

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
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH204	Contains isocyanates. May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
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.
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-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

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: 22.12.2022

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