



# SAFETY DATA SHEET

according to regulation (EC) No. 1907/2006 (REACH), Appendix II

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

### **1.1. Product identifier**

**Trade name or designation of the mixture** Paint Primer  
**Registration number** -  
**Synonyms** None.  
**SDS number** 7740  
**Product code** Ford Internal Ref.: 174117  
**Issue date** 19-September-2014  
**Version number** 2.0  
**Revision date** 26-March-2015  
**Supersedes date** 22-September-2014  
**Product use** Public use

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

**Identified uses** Primers  
**Uses advised against** None known.

### **1.3. Details of the supplier of the safety data sheet**

**Company name** Ford Motor Company Ltd.  
**Address** Parts Distribution Centre  
Royal Oak Way South  
NN11 8NT Daventry, Northants  
United Kingdom  
**Telephone number** +44 1327 305 198  
**Address** Ford-Werke GmbH  
Edsel-Ford-Str. 2-14  
50769 Köln  
Germany  
**Telephone number** +49 221 90-33333  
**E-mail** HSE@rle.de  
**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**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### **Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

**Classification** F+;R12, R18, Xi;R36, R66-67

The full text for all R-phrases is displayed in section 16.

#### **Classification according to Regulation (EC) No 1272/2008 as amended**

##### **Physical hazards**

Aerosols	Category 1	H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
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##### **Health hazards**

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

### **2.2. Label elements**

#### **Label according to Regulation (EC) No. 1272/2008 as amended**

**Contains:** Acetone, Ethyl acetate, n-Butyl acetate

## Hazard pictograms



## Signal word

Danger

## Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurized container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

## Precautionary statements

### Prevention

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P271 Use only outdoors or in a well-ventilated area.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/eye protection/face protection.

### Response

P101 If medical advice is needed, have product container or label at hand.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.

### Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

### Disposal

P501 Dispose of contents/container to an approved waste disposal plant

**Supplemental label information** EUH066 - Repeated exposure may cause skin dryness or cracking.  
EUH018 - In use, may form flammable/explosive vapour-air mixture.

**2.3. Other hazards** The mixture contains no substance that fulfils the criteria of a PBT- or vPvB substance.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Acetone	40 - < 50	67-64-1 200-662-2	01-2119471330-49-XXXX	606-001-00-8	#
<b>Classification:</b>	<b>DSD:</b> F;R11, Xi;R36, R66-67				
	<b>CLP:</b> Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336				
Butane	10 - < 20	106-97-8 203-448-7	-	601-004-00-0	Note U, Note C
<b>Classification:</b>	<b>DSD:</b> F+;R12, R18				
	<b>CLP:</b> Flam. Gas 1;H220, Press. Gas;H280				
Propane	10 - < 20	74-98-6 200-827-9	-	601-003-00-5	Note U
<b>Classification:</b>	<b>DSD:</b> F+;R12, R18				
	<b>CLP:</b> Flam. Gas 1;H220, Press. Gas;H280				
2-Methoxy-1-methylethyl acetate	3 - < 5	108-65-6 203-603-9	01-2119475791-29-XXXX	607-195-00-7	#
<b>Classification:</b>	<b>DSD:</b> R10				
	<b>CLP:</b> Flam. Liq. 3;H226				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ethyl acetate	3 - < 5	141-78-6 205-500-4	-	607-022-00-5	
<b>Classification:</b>		<b>DSD:</b> F;R11, Xi;R36, R66-67			
		<b>CLP:</b> Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336			
n-Butyl acetate	3 - < 5	123-86-4 204-658-1	01-2119485493-29-XXXX	607-025-00-1	
<b>Classification:</b>		<b>DSD:</b> R10, R66-67			
		<b>CLP:</b> Flam. Liq. 3;H226, STOT SE 3;H336			
Nitrocellulose	3 - < 5	9004-70-0	-	-	
<b>Classification:</b>		<b>DSD:</b> E;R3			
		<b>CLP:</b> Unst. Expl.;H200			
Ethanol	1 - < 3	64-17-5 200-578-6	-	603-002-00-5	
<b>Classification:</b>		<b>DSD:</b> F;R11			
		<b>CLP:</b> Flam. Liq. 2;H225			
Xylene	1 - < 3	1330-20-7 215-535-7	-	601-022-00-9	#, Note C, Xn; R20/21 ; C ≥ 12,5 %
<b>Classification:</b>		<b>DSD:</b> R10, Xn;R20/21, Xi;R38			
		<b>CLP:</b> Flam. Liq. 3;H226, Acute Tox. 4;H312, Skin Irrit. 2;H315, Acute Tox. 4;H332			

List of abbreviations and symbols that may be used above:

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has been assigned Community workplace exposure limit(s).

Note: Regulation No. 1272/2008 - Annex VI

**Composition comments** The full text for all R- and H-phrases is displayed in section 16.

## **SECTION 4: First aid measures**

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

### **4.1. Description of first aid measures**

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed** May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## **SECTION 5: Firefighting measures**

**General fire hazards** Extremely flammable aerosol.

### **5.1. Extinguishing media**

**Suitable extinguishing media** Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>5.2. Special hazards arising from the substance or mixture</b>	Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Following product recovery, flush area with water.

**6.4. Reference to other sections** For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

## **SECTION 7: Handling and storage**

**7.1. Precautions for safe handling** Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities** Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Primers

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

##### **UK. EH40 Workplace Exposure Limits (WELs)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	548 mg/m3	
		100 ppm	
	TWA	274 mg/m3	
Acetone (CAS 67-64-1)	STEL	50 ppm	
		3620 mg/m3	
	TWA	1210 mg/m3	
Butane (CAS 106-97-8)		500 ppm	
	STEL	1810 mg/m3	
		750 ppm	

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value	Form
	TWA	1450 mg/m3	
		600 ppm	
Ethanol (CAS 64-17-5)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	400 ppm	
	TWA	200 ppm	
Limestone (CAS 1317-65-3)	TWA	4 mg/m3	Respirable.
		4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
		10 mg/m3	Inhalable
n-Butyl acetate (CAS 123-86-4)	STEL	966 mg/m3	
		200 ppm	
	TWA	724 mg/m3	
		150 ppm	
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) (CAS 14807-96-6)	TWA	1 mg/m3	Respirable aerosol
Titanium dioxide (CAS 13463-67-7)	TWA	4 mg/m3	Respirable.
		10 mg/m3	Inhalable
Xylene (CAS 1330-20-7)	STEL	441 mg/m3	
		100 ppm	
	TWA	220 mg/m3	
		50 ppm	

**United Kingdom**

Components	Type	Value
Ethyl acetate (CAS 141-78-6)	STEL	1460 mg/m3
	TWA	730 mg/m3

**EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU**

Components	Type	Value
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3
		50 ppm
Acetone (CAS 67-64-1)	TWA	1210 mg/m3
		500 ppm
Xylene (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 ppm

**Biological limit values**
**UK. EH40 Biological Monitoring Guidance Values (BMGVs)**

Components	Value	Determinant	Specimen
Xylene (CAS 1330-20-7)	650 mmol/mol	Methyl hippuric acid	Creatinine in urine

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no-effect level (DNEL)**

Components	Type	Route	Value	Form
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Consumer	Dermal	54.8 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects			

Components	Type	Route	Value	Form
		Inhalation	33 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects	Oral	1.67 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects Professional	Dermal	153.5 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	275 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects Acetone (CAS 67-64-1) Consumer	Dermal	62 mg/kg/BW	
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	200 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects	Oral	62 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects Professional	Dermal	186 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	2420 mg/m3	
<b>Comments:</b>	Short term exposure - local effects	Inhalation	1210 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects n-Butyl acetate (CAS 123-86-4) Consumer	Inhalation	859.7 mg/m3	
<b>Comments:</b>	Short term exposure - local effects	Inhalation	859.7 mg/m3	
<b>Comments:</b>	Short term exposure - systemic effects	Inhalation	102.34 mg/m3	
<b>Comments:</b>	Long term Local effects	Inhalation	102.34 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects Professional	Inhalation	960 mg/m3	
<b>Comments:</b>	Short term exposure - systemic effects	Inhalation	960 mg/m3	
<b>Comments:</b>	Short term exposure - local effects	Inhalation	480 mg/m3	
<b>Comments:</b>	Long term Local effects	Inhalation	480 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	480 mg/m3	

**Predicted no effect concentrations (PNECs)**

Components	Type	Route	Value	Form
2-Methoxy-1-methylethyl acetate (CAS 108-65-6)	Not applicable	Sediment	3.29 mg/kg	
<b>Comments:</b>	Fresh water	Sediment	0.329 mg/kg	
<b>Comments:</b>	Seawater	Soil	0.29 mg/kg	
		STP	100 mg/l	
		Water	6.35 mg/l	
<b>Comments:</b>	Intermittent release	Water	0.635 mg/l	
<b>Comments:</b>	Fresh water	Water	0.0635 mg/l	
<b>Comments:</b>	Seawater	Sediment	30.4 mg/kg	
Acetone (CAS 67-64-1)	Not applicable	Sediment	30.4 mg/kg	
<b>Comments:</b>	Fresh water	Sediment	3.04 mg/kg	
<b>Comments:</b>	Seawater	Soil	29.5 mg/kg	

Components	Type	Route	Value	Form
		STP	100 mg/l	
		Water	21 mg/l	
<b>Comments:</b>	Intermittent release			
		Water	10.6 mg/l	
<b>Comments:</b>	Fresh water			
		Water	1.06 mg/l	
<b>Comments:</b>	Seawater			
n-Butyl acetate (CAS 123-86-4)	Not applicable	Freshwater	0.18 mg/l	
		Seawater	0.018 mg/l	
		Sediment	0.981 mg/kg	
<b>Comments:</b>	Freshwater			
		Sediment	0.0981 mg/kg	
<b>Comments:</b>	Seawater			
		Soil	0.0903 mg/kg	
		STP	35.6 mg/l	
		Water	0.36 mg/l	
<b>Comments:</b>	Intermittent release			

## Exposure guidelines

### UK EH40 WEL: Skin designation

2-Methoxy-1-methylethyl acetate (CAS 108-65-6)  
Xylene (CAS 1330-20-7)

Can be absorbed through the skin.  
Can be absorbed through the skin.

## 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. Provide eyewash station.

## Individual protection measures, such as personal protective equipment

### General information

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

### Eye/face protection

Wear safety glasses with side shields (or goggles).

### Skin protection

#### - Hand protection

Butyl rubber.

Glove thickness 0.7 mm.  
Break through time 240 - 479 min.

Glove recommendation: Butoject® 898 (Kächele-Cama GmbH, source of supply see [www.kcl.de](http://www.kcl.de)) or comparable product.

Hand protection in case of splash contact  
Nitrile rubber

Glove thickness 0.4 mm.  
Break through time 10 - 29 min

Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see [www.kcl.de](http://www.kcl.de)) or comparable product.

The protective gloves to be used must comply with the specification of EU directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. 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.

#### - Other

Wear suitable protective clothing.

### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use an extra-fine particle filter of type P2.

### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

## Hygiene measures

When using do not smoke. 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**

#### **Appearance**

<b>Physical state</b>	Aerosol.
<b>Form</b>	Aerosol
<b>Colour</b>	Various.
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not determined
<b>Ignition temperature</b>	365 °C (689 °F)
<b>Melting point/freezing point</b>	Not determined
<b>Initial boiling point and boiling range</b>	Not applicable, as aerosol
<b>Flash point</b>	< 0 °C (< 32.0 °F)
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable.

#### **Upper/lower flammability or explosive limits**

<b>Explosive limit - lower (%)</b>	1.5 %
<b>Explosive limit – upper (%)</b>	13 %
<b>Vapour pressure</b>	3600 hPa @ 20°C
<b>Vapour density</b>	Not determined
<b>Relative density</b>	Not determined
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble
<b>Solubility (other)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Auto-ignition temperature</b>	Not flammable
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Oxidizing properties</b>	Not available.

### **9.2. Other information**

<b>Density</b>	0.82 g/cm <sup>3</sup> @ 20°C
<b>Dynamic viscosity</b>	Not determined
<b>Kinematic viscosity</b>	Not determined
<b>VOC (EU)</b>	696 g/l
<b>VOC (CH)</b>	82.15 %

## **SECTION 10: Stability and reactivity**

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong acids. Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Carbon monoxide, carbon dioxide and other hydrocarbon fragments.

## **SECTION 11: Toxicological information**

<b>General information</b>	Occupational exposure to the substance or mixture may cause adverse effects.
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## Information on likely routes of exposure

<b>Inhalation</b>	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### 11.1. Information on toxicological effects

**Acute toxicity** Narcotic effects.

<b>Product</b>	<b>Species</b>	<b>Test results</b>
Paint Primer		
<b>Acute</b>		
<b>Dermal</b>		> 2000 mg/kg (calcd. ATE)
<b>Inhalation</b>		> 5 mg/l, 4 hours (calcd. ATE)

<b>Components</b>	<b>Species</b>	<b>Test results</b>
Xylene (CAS 1330-20-7)		
<b>Acute</b>		
<b>Dermal</b>		1100 mg/kg (acc. CLP 3.1.2)
<b>Inhalation</b>		
<i>Mist</i>		1.5 mg/l, 4 Hours (acc. CLP 3.1.2)

<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory sensitisation</b>	Not available.
<b>Skin sensitisation</b>	Not available.
<b>Germ cell mutagenicity</b>	Not available.

#### Carcinogenicity

##### IARC Monographs. Overall Evaluation of Carcinogenicity

Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Mixture versus substance information</b>	No information available.
<b>Other information</b>	Not available.

## **SECTION 12: Ecological information**

<b>12.1. Toxicity</b>	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.
<b>12.2. Persistence and degradability</b>	No data is available on the degradability of this product.
<b>12.3. Bioaccumulative potential</b>	No data available.
<b>Partition coefficient n-octanol /water (log Kow)</b>	
Acetone	-0.24
<b>12.4. Mobility in soil</b>	No data available.

- 12.5. Results of PBT and vPvB assessment** The mixture contains no substance that fulfils the criteria of a PBT- or vPvB substance.
- 12.6. 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**

- Residual waste** Dispose of in accordance with local regulations. 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).
- Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.
- EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- 08 01 11  
15 01 10
- Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
- Special precautions** Dispose in accordance with all applicable regulations.

## **SECTION 14: Transport information**

### **ADR**

- 14.1. UN number** UN1950
- 14.2. UN proper shipping name** AEROSOLS, flammable
- 14.3. Transport hazard class(es)**
- Class** 2
- Subsidiary risk** -
- Label(s)** 2.1
- Hazard No. (ADR)** Not available.
- Tunnel restriction code** D
- 14.4. Packing group** Not applicable.
- 14.5. Environmental hazards** No.
- 14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.
- Special provisions** 190, 327, 625,344
- Classification code** 5F

### **IATA**

- 14.1. UN number** UN1950
- 14.2. UN proper shipping name** Aerosols, flammable
- 14.3. Transport hazard class(es)**
- Class** 2.1
- Subsidiary risk** -
- 14.4. Packing group** Not applicable.
- Packaging instructions** 203
- Packaging instructions cargo only** 203
- 14.5. Environmental hazards** No.
- ERG Code** 10L
- 14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.
- Other information**
- Passenger and cargo aircraft** Allowed.
- Cargo aircraft only** Allowed.
- Maximum net quantity packaging - Passenger and cargo aircraft** 75 kg
- Maximum net quantity packaging cargo only** 150 kg

<b>Maximum net quantity packaging - Limited quantity</b>	30.00 kg
<b>Special provisions</b>	Not available.
<b>IMDG</b>	
<b>14.1. UN number</b>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>14.4. Packing group</b>	Not applicable.
<b>14.5. Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-D, S-U
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	63,190,277,327,344,959
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available.

## **SECTION 15: Regulatory information**

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

#### **EU regulations**

Not applicable.

#### **Restrictions on use**

Not applicable.

#### **Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

#### **Other EU regulations**

##### **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**

2-Methoxy-1-methylethyl acetate (CAS 108-65-6)  
 Acetone (CAS 67-64-1)  
 Xylene (CAS 1330-20-7)

##### **EU Directive 96/82/EC - Control of Major Accident Hazards: Threshold quantities established for the application of Articles 6 and 7**

Category: 8

**VOC (EU):** 696 g/l

#### **National regulations**

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.

### **15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

## **SECTION 16: Other information**

### **List of abbreviations**

AC: Article category.  
 acc., acc.to: according, according to.  
 ACGIH: American Conference of Governmental Industrial Hygienists.  
 AFNOR: French Institute for Standards (Association Française de Normalisation).  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures).  
 ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route).  
 AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).  
 AICS: Australian Inventory of Chemical Substances.  
 ANSI: American National Standards Institute.  
 AOEL: Acceptable Operator Exposure Level.

AOX: adsorbable organic halogen compounds.  
approx.: approximately.  
ASTM: ASTM International.  
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).  
BAM: Federal Institute for Materials Research and Testing, Germany (Bundesanstalt für Materialforschung und -prüfung).  
Maximum permissible concentration of biological working substances (BAT: Biologische Arbeitsstofftoleranzwerte).  
BAuA: Federal Institute for Occupational Health and Safety, Germany (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin).  
BCF: Bio-concentration factor.  
BET: Brunauer-Emmett-Teller.  
BLV: Biological Limit Value.  
BLV: Biological Limit Value (BGW: Biologischer Grenzwert, Austria).  
BMGV: Biological Monitoring Guidance Value (EH40,UK).  
BSI: British Standards Institution.  
BS: British Standard.  
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 (Comité Européen de Normalisation).  
CESIO: European Committee on Organic Surfactants and their Intermediates (Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques).  
ChemRRV: Ordinance on the risk reduction related to chemical products (ChemRRV: Chemikalien-Risikoreduktions-verordnung, Switzerland).  
CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
CMR: Substances classified as Carcinogenic, Mutagenic or toxic for Reproduction.  
CNS: Central Nervous System.  
CNT: Carbon nanotubes.  
COD: Chemical Oxygen Demand.  
CSA: Chemical Safety Assessment.  
CSR: Chemical Safety Report.  
DETEC: Swiss Federal Department of the Environment, Transport, Energy and Communications.  
DIN: German Standards Institute / German industrial norm (Deutsches Institut für Normung / Deutsche Industrienorm).  
DMEL: Derived Minimum Effect Level.  
DNEL: Derived No Effect Level.  
DOC: Dissolved organic carbon.  
DPD: Directive 1999-45-EC / Dangerous Preparations Directive.  
DSD: Directive 67/548-EC / Dangerous Substances Directive.  
DSL: Canada, Domestic Substances List.  
DU: Downstream User.  
dw: dry weight.  
e.g.: For example, for instance.  
EBW: Exposure Based Waiving.  
EC: European Community.  
EC50: Effective Concentration 50%.  
ECHA: European Chemical Agency.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
ELINCS: European List of Notified Chemical Substances.  
EN: European norm.  
ENCS: Japan, Inventory of Existing and New Chemical Substances.  
EPA: United States Environmental Protection Agency.  
ERC: Environmental release category.  
ES: Exposure scenario.  
EUSES: European Union System for the Evaluation of Substances.  
EWC/EWL: European Waste Catalogue.  
GCL: General concentration limit.  
gen.: general.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
GLP: Good Laboratory Practice.  
GW/VL: Occupational exposure limit value.  
GW-kw: Occupational exposure limit value - short term.  
GW-M/VL-M: Occupational exposure limit value – "Ceiling".  
GWP: Global Warming Potential.

HPV: High Production Volume Chemicals.  
 HEPA: High Efficiency Particulate Air.  
 IARC: International Agency for Research on Cancer.  
 IATA: International Air Transport Association.  
 IBC: Intermediate Bulk Container.  
 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 Code: International Maritime Dangerous Goods Code.  
 IMO: International Maritime Organization.  
 incl.: including, inclusive.  
 ISO: International Standards Organization.  
 IUCLID: International Uniform Chemical Information Database.  
 IUPAC: International Union for Pure Applied Chemistry.  
 KECI: Korea Existing Chemicals Inventory.  
 LCA: Life Cycle Assessment.  
 LC: Lethal Concentration.  
 LC50: Lethal Concentration 50%.  
 LCLo: Lowest published lethal concentration.  
 LD50: Lethal Dose 50%.  
 LEV: Local exhaust ventilation.  
 LOAEL: Lowest observed adverse effect level.  
 LOEC: Lowest observable effect concentration.  
 LOEL: Lowest observable effect level.  
 LPV: Low Production Volume Chemicals.  
 LQ: Limited Quantities.  
 Air Quality Control Regulation (LRV: Luftreinhalteverordnung, Switzerland).  
 TLV-STEL: Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value (TRK-Kzw = Technische Richtkonzentration - Kurzzeitwert).  
 Maximum allowable workplace concentration – instantaneous value (MAK-Mow: Maximale Arbeitsplatzkonzentration – Momentanwert, Austria)  
 Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value (MAK-Tmw, TRK-Tmw : Maximale Arbeitsplatzkonzentration - Tagesmittelwert / TRK-Tmw = Technische Richtkonzentration – Tagesmittelwert, Austria).  
 MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).  
 MARPOL: International Convention for the Prevention of Pollution From Ships.  
 MTD: Maximum tolerated dose.  
 MWCNT: Multi-walled carbon nanotubes.  
 n.a.: not applicable.  
 N/A: Not available.  
 n.d.: not determined.  
 NLP: No Longer Polymers.  
 NDSL: Canada, Non-Domestic Substances List.  
 NF: French Norm (See AFNOR).  
 NFPA: National Fire Protection Association.  
 NIOSH: National Institute for Occupational Safety & Health.  
 NOAEC: No Observed Adverse Effect Concentration.  
 NOAEL: No observed adverse effect level.  
 NOEC: No observed effect concentration.  
 NOEL: No observed effect level.  
 NTP: National Toxicology Program.  
 NZIoC: New Zealand Inventory of Chemicals.  
 ODP: Ozone Depletion Potential.  
 OECD: Organization for Economic Cooperation and Development.  
 OEL: Occupational Exposure Limit.  
 org.: organic.  
 OSHA: Occupational Safety & Health Administration.  
 PAH: Polycyclic Aromatic Hydrocarbons.  
 PBT: Persistent, bioaccumulative, toxic.  
 PC: Product category.  
 PE: Polyethylene.  
 PEC: Predicted Environmental Concentration.  
 PEL: Permissible Exposure Limit.  
 PIC: Prior Informed Consent.  
 PICCS: Philippines Inventory of Commercial Chemical Substances.  
 PNEC: Predicted No Effect Concentration.

POCP: Photochemical ozone creation potential (Photochemisches Ozonbildungspotenzial).  
 POP: Persistent Organic Pollutant.  
 PPORD: Product and Process Oriented Research and Development.  
 PPE: Personal Protective Equipment.  
 PROC: Process category.  
 RA: Risk Assessment.  
 RAR: Risk Assessment Report.  
 RCRA: Resource Conservation Recovery Act.  
 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 (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).  
 RMM: Risk Management Measure.  
 RTECS: Registry of Toxic Effects of Chemical Substances.  
 QSAR: Quantitative Structure Activity Relation.  
 SARA: Superfund Amendments and Reauthorization Act.  
 SADT: Self-Accelerating Decomposition Temperature.  
 SCL: Specific concentration limit.  
 SEA: socio economic analysis.  
 STEL: Short-term Exposure Limit.  
 STP: Sewage treatment plant.  
 SU: Sector of use.  
 SVHC: Substance of Very High Concern.  
 SWCNT: single-walled carbon nanotubes.  
 ThOD: Theoretical oxygen demand.  
 TOC: Total Organic Carbon.  
 TLV: Threshold Limit Value.  
 TRA: Targeted Risk Assessment.  
 TSCA: Toxic Substance Control Act.  
 TWA: Time Weighted Average.  
 UC: Use category.  
 UDS: Use descriptor system.  
 UEC: Use and exposure categories.  
 UN: United Nations.  
 UN RTDG: United Nations Recommendations on the Transport of Dangerous Goods.  
 UVCB: Unknown or Variable Composition, Complex Reaction Products, and Biological Materials. Regulation on combustible liquids (VbF: Verordnung über brennbare Flüssigkeiten, Austria). Regulation of the Austria Minister for Labor and Social Affairs regarding health surveillance at the workplace (VGÜ = Verordnung des Bundesministers für Arbeit und Soziales über die Gesundheitsüberwachung am Arbeitsplatz).  
 VOC: Volatile organic compounds.  
 vPvB: very Persistent, 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).  
 WoE: Weight of evidence.  
 WHMIS: Workplace Hazardous Materials Information System.  
 WHO: World Health Organization.  
 wwt: wet weight.

## References

### Information on evaluation method leading to the classification of mixture

Not available.

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R10 Flammable.  
 R11 Highly flammable.  
 R12 Extremely flammable.  
 R18 In use, may form flammable/explosive vapour-air mixture.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
 R36 Irritating to eyes.  
 R38 Irritating to skin.  
 R45 May cause cancer.  
 R46 May cause heritable genetic damage.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

H200 Unstable explosives.  
H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.

**Revision information**

SECTION 2: Hazards identification: Disposal  
Composition / Information on Ingredients: Disclosure Overrides  
Physical & Chemical Properties: Multiple Properties  
SECTION 12: Ecological information: 12.6. Other adverse effects  
SECTION 15: Regulatory information: Control of major-accident hazards involving dangerous substances  
SECTION 15: Regulatory information: Labelling  
SECTION 15: Regulatory information: Restrictions on use  
SECTION 16: Other information: Disclaimer  
GHS: Classification

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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:** Paint Primer  
**Ford Int. Ref. No.:** 174117

**Page:** 1/1  
**Print Date:** 26.03.2015

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## Involved Products:

	<b>Finiscode</b>	<b>Part number</b>	<b>Container Size:</b>
1.	1 772 972	80SX 19L531 EFXWAA	150 ml
2.	1 771 772	80SX 19L531 JFXWAA	400 ml