



SAFETY DATA SHEET

according to regulation (EU) No 2015/830

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

1.1. Product identifier

Trade name or designation of the mixture Repair Adhesive Component B
Registration number -
Synonyms None.
SDS number 7646
Product code Ford Internal Ref: 135570
Issue date 09-October-2014
Version number 4.0
Revision date 19-October-2016
Supersedes date 26-August-2016
Product use Professional use

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

Identified uses Clinched flange sealer based on polyurethane
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 sdseu@ford.com
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 Regulation (EC) No 1272/2008 as amended

Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Respiratory sensitisation	Category 1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
Carcinogenicity	Category 2	H351 - Suspected of causing cancer.
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation	H335 - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Category 2	H373 - May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended**Contains:** 2,2'-methylenediphenyl diisocyanate, 4,4'-Methylenediphenyl diisocyanate, Diphenylmethane Diisocyanate, isomers and homologues, o-(p-Isocyanatobenzyl)phenyl isocyanate**Hazard pictograms****Signal word** Danger**Hazard statements**

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 May cause respiratory irritation.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements**Prevention**

P201 Obtain special instructions before use.
 P260 Do not breathe dust.
 P280 Wear protective gloves/eye protection/face protection.

Response

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage

None.

Disposal

None.

Supplemental label information None.**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
Diphenylmethane Diisocyanate, isomers and homologues	20 - 40	9016-87-9 618-498-9	-	-	STOT SE 3; H335: C ≥ 5%, Resp. Sens. 1; H334: C ≥ 0,1%, Skin Irrit. 2; H315: C ≥ 5%, Eye Irrit. 2; H319: C ≥ 5%

Classification: Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319, Acute Tox. 4;H332, Resp. Sens. 1;H334, STOT SE 3;H335, Carc. 2;H351, STOT RE 2;H373

4,4'-Methylenediphenyl diisocyanate	1 - < 5	101-68-8 202-966-0	01-2119457014-47-XXXX	615-005-00-9	Note 2, Note C, STOT SE 3; H335: C ≥ 5%, Resp. Sens. 1; H334: C ≥ 0,1%, Skin Irrit. 2; H315: C ≥ 5%, Eye Irrit. 2; H319: C ≥ 5%
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Classification: Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319, Acute Tox. 4;H332, Resp. Sens. 1;H334, STOT SE 3;H335, Carc. 2;H351, STOT RE 2;H373

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
o-(p-Isocyanatobenzyl)phenyl isocyanate	1 - < 3	5873-54-1 227-534-9	01-2119480143-45-XXXX	615-005-00-9	Note 2, Note C, STOT SE 3; H335: C ≥ 5%, Resp. Sens. 1; H334: C ≥ 0,1%, Skin Irrit. 2; H315: C ≥ 5%, Eye Irrit. 2; H319: C ≥ 5%
Classification: Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319, Acute Tox. 4;H332, Resp. Sens. 1;H334, STOT SE 3;H335, Carc. 2;H351, STOT RE 2;H373					
2,2'-methylenediphenyl diisocyanate	0.1 - < 1	2536-05-2 219-799-4	01-2119927323-43-XXXX	615-005-00-9	Note 2, Note C, STOT SE 3; H335: C ≥ 5%, Resp. Sens. 1; H334: C ≥ 0,1%, Skin Irrit. 2; H315: C ≥ 5%, Eye Irrit. 2; H319: C ≥ 5%
Classification: Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319, Acute Tox. 4;H332, Resp. Sens. 1;H334, STOT SE 3;H335, Carc. 2;H351, STOT RE 2;H373					

List of abbreviations and symbols that may be used above:
Note: Regulation No. 1272/2008 - Annex VI

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information	Symptoms may be delayed. 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	Move to fresh air. If breathing is difficult, trained personnel should give oxygen. If not breathing, give artificial respiration. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse. Discard any shoes or clothing items that cannot be decontaminated.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms occur. Eye wash fountain is recommended.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention immediately.
4.2. Most important symptoms and effects, both acute and delayed	May cause eczema-like skin disorders (dermatitis). May cause allergic respiratory reaction. Difficulty in breathing. Cancer hazard.
4.3. Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards	No unusual fire or explosion hazards noted.
5.1. Extinguishing media	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture	Fire may produce irritating, corrosive and/or toxic gases.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Hazardous material. Firefighters should consider protective equipment indicated in Section 8. Avoid inhalation of vapour, fumes, dust and/or mist from the spilled material.
Special fire fighting procedures	Cool containers exposed to heat with water spray and remove container, if no risk is involved. In case of fire: Stop leak if safe to do so.
Specific methods	No unusual fire or explosion hazards noted.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS. Ensure adequate ventilation.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible and place into containers. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. 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. Dispose in accordance with all applicable regulations.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. 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. Avoid release to the environment.
7.2. Conditions for safe storage, including any incompatibilities	Keep tightly closed in a dry, cool and well-ventilated place. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Storage temperature: between 15°C and 35°C.
7.3. Specific end use(s)	Sealers and Adhesives

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)	STEL	0.07 mg/m3
	TWA	0.02 mg/m3
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)	STEL	0.07 mg/m3
	TWA	0.02 mg/m3

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs)

General Population

Components	Value	Assessment factor	Notes
2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)			
Long-term, Local, Inhalation	0.025 mg/m3		
Long-term, Systemic, Inhalation	0.025 mg/m3		
Short-term, Local, Dermal	17.2 mg/cm2		
Short-term, Local, Inhalation	0.05 mg/m3		

Short-term, Systemic, Dermal	25 mg/kg	
Short-term, Systemic, Inhalation	0.05 mg/m3	
Short-term, Systemic, Oral	20 mg/kg	
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)		
Long-term, Local, Inhalation	0.025 mg/m3	respiratory tract irritation
Long-term, Systemic, Inhalation	0.025 mg/m3	respiratory tract irritation
Short-term, Local, Dermal	17.2 mg/cm2	Acute toxicity
Short-term, Local, Inhalation	0.05 mg/m3	respiratory tract irritation
Short-term, Systemic, Dermal	25 mg/kg	Acute toxicity
Short-term, Systemic, Inhalation	0.05 mg/m3	respiratory tract irritation
Short-term, Systemic, Oral	20 mg/kg	
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)		
Long-term, Local, Inhalation	0.025 mg/m3	
Long-term, Systemic, Inhalation	0.025 mg/m3	
Short-term, Local, Dermal	17.2 mg/cm2	
Short-term, Local, Inhalation	0.05 mg/m3	
Short-term, Systemic, Dermal	25 mg/kg	
Short-term, Systemic, Inhalation	0.05 mg/m3	
Short-term, Systemic, Oral	20 mg/kg	

Workers

Components	Value	Assessment factor	Notes
2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)			
Long-term, Local, Inhalation	0.05 mg/m3		
Long-term, Systemic, Inhalation	0.05 mg/m3		
Short-term, Local, Dermal	28.7 mg/cm2		
Short-term, Local, Inhalation	0.1 mg/m3		
Short-term, Systemic, Dermal	50 mg/kg		
Short-term, Systemic, Inhalation	0.1 mg/m3		
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)			
Long-term, Local, Inhalation	0.05 mg/m3		respiratory tract irritation
Long-term, Systemic, Inhalation	0.05 mg/m3		respiratory tract irritation
Short-term, Local, Dermal	28.7 mg/cm2		Acute toxicity
Short-term, Local, Inhalation	0.1 mg/m3		respiratory tract irritation
Short-term, Systemic, Dermal	50 mg/kg		Acute toxicity
Short-term, Systemic, Inhalation	0.1 mg/m3		respiratory tract irritation
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)			
Long-term, Local, Inhalation	0.05 mg/m3		
Long-term, Systemic, Inhalation	0.05 mg/m3		
Short-term, Local, Dermal	28.7 mg/cm2		
Short-term, Local, Inhalation	0.1 mg/m3		
Short-term, Systemic, Dermal	50 mg/kg		
Short-term, Systemic, Inhalation	0.1 mg/m3		

Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)			
Freshwater	1 mg/l	1000	
Intermittent releases	10 mg/l	100	
Marine water	0.1 mg/l	10000	
Soil	1 mg/kg	1000	
STP	1 mg/l	100	
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)			
Freshwater	1 mg/l	1000	
Intermittent releases	10 mg/l	100	
Marine water	0.1 mg/l	10000	
Soil	1 mg/kg	1000	
STP	1 mg/l	100	
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)			
Freshwater	1 mg/l	1000	
Intermittent releases	10 mg/l	100	
Marine water	0.1 mg/l	10000	
Soil	1 mg/kg	1000	
STP	1 mg/l	100	

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.
Individual protection measures, such as personal protective equipment	
General information	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Use protective skin cream before handling the product.
Eye/face protection	Wear safety glasses with side shields.
Skin protection	
- Hand protection	Nitrile rubber Glove thickness 0.4 mm. Break through time >= 480min Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product. Hand protection in case of splash contact Nitrile rubber Glove thickness 0.4 mm. Break through time >= 480min Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see 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. Use of an impervious apron is recommended.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Filter B-P3
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	When using, do not eat, drink or 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.
Environmental exposure controls	Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Paste.
Form	Paste.
Colour	Black
Odour	Earthy
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 110.0 °C (> 230.0 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Insoluble Alcohol
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	26 - 32 Pa·s
Viscosity temperature	20 °C (68 °F)
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information

Density	1.70 g/cm ³ @ 20°C
VOC (EU)	0 %
VOC (CH)	< 3 %

SECTION 10: Stability and reactivity

10.1. Reactivity	A rapid exothermic polymerization reaction occurs in the presence of water, amines, alkaline substances and alcohol
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	Polymerises under humid conditions
10.4. Conditions to avoid	Moisture. Temperatures above 250°C °C
10.5. Incompatible materials	Water. Amines. Alkalies. Alcohols.
10.6. Hazardous decomposition products	Isocyanates. Carbon dioxide (CO ₂).

SECTION 11: Toxicological information

General information Not available.

Information on likely routes of exposure

Inhalation	May cause sensitisation by inhalation. May cause irritation to the respiratory system.
Skin contact	Causes skin irritation. May cause sensitisation by skin contact.
Eye contact	Causes serious eye irritation.
Ingestion	Not available.

Symptoms Irritating to eyes and skin. May cause allergic respiratory and skin reactions. Difficulty in breathing.

11.1. Information on toxicological effects

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

Product	Species	Test results
Repair Adhesive Component B		
Inhalation		
Dust		> 5 mg/l/4h (calcd. ATE)
Components	Species	Test results
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)		
<u>Acute</u>		
Inhalation		1.5 mg/l, 4 hours (acc. CLP 3.1.2. / Corn. GOCT 32423-2013, Табл. 2)
Diphenylmethane Diisocyanate, isomers and homologues (CAS 9016-87-9)		
<u>Acute</u>		
Inhalation		1.5 mg/l/4h (acc. CLP 3.1.2. / Corn. GOCT 32423-2013, Табл. 2)

Components	Species	Test results
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)		
Acute		
Inhalation		
		1.5 mg/l, 4 hours (acc. CLP 3.1.2. / Корн. ГОСТ 32423-2013, Табл. 2)
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory sensitisation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Skin sensitisation	May cause an allergic skin reaction.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Suspected of causing cancer.	
Reproductive toxicity	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - single exposure	May cause irritation to the respiratory system.	
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	Based on available data, the classification criteria are not met.	
Mixture versus substance information	Not available.	
Other information	Not available.	

SECTION 12: Ecological information

12.1. Toxicity 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.

Components	Species	Test results
2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)		
Aquatic		
Fish	LC50 Danio rerio	> 1000 mg/l, 96 hours OECD 203
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)		
Aquatic		
Fish	LC50 Danio rerio	> 1000 mg/l, 96 hours OECD 203

12.2. Persistence and degradability

12.3. Bioaccumulative potential Not available.

Partition coefficient n-octanol/water (log Kow) Not available.

12.4. Mobility in soil Not 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.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
08 05 01
15 01 06

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. 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 local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws.

Other EU regulations Not applicable.

Directive 94/33/EC on the protection of young people at work, as amended

2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)

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

2,2'-methylenediphenyl diisocyanate (CAS 2536-05-2)
4,4'-Methylenediphenyl diisocyanate (CAS 101-68-8)
o-(p-Isocyanatobenzyl)phenyl isocyanate (CAS 5873-54-1)

VOC (EU): 0 %

Directive 2012/18/EU on major accident hazards involving dangerous substances

Not applicable

15.2. Chemical safety assessment Not available.

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

Not available.

Information on evaluation method leading to the classification of mixture

Not available.

Full text of any H-statements not written out in full under Sections 2 to 15

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H317 May cause 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.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.

Training information

Not available.

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: Repair Adhesive Component B
Ford Int. Ref. No.: 135570

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Print Date: 19.10.2016

Involved Products:

	Finiscode	Part number	Container Size:
1.		BU7J M2G376 CA	25 ml
Part of Kit:	1 737 528	BU7J M2G376 AA	Repair Adhesive Kit - 2 Component