



# 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** Rust Prevention Cavity Wax T-HV4  
**Registration number** -  
**Synonyms** None.  
**SDS number** 8056  
**Product code** Ford Internal Ref.: 181243  
**Issue date** 25-November-2014  
**Version number** 3.0  
**Revision date** 10-March-2015  
**Supersedes date** 10-March-2015  
**Product use** Professional use

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

**Identified uses** Cavity protection  
**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** R10, R66-67, R53

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

##### **Physical hazards**

Flammable liquids Category 3 H226 - Flammable liquid and vapour.

##### **Health hazards**

Specific target organ toxicity - single exposure Category 3 narcotic effects H336 - May cause drowsiness or dizziness.

##### **Environmental hazards**

Hazardous to the aquatic environment, long-term aquatic hazard Category 4 H413 - May cause long lasting harmful effects to aquatic life.

### **2.2. Label elements**

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

**Contains:** Naphtha (petroleum), Hydrotreated Heavy

## Hazard pictograms



## Signal word

Warning

## Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
H413 May cause long lasting harmful effects to aquatic life.

## Precautionary statements

### Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P261 Avoid breathing mist or vapour.  
P273 Avoid release to the environment.

### Response

P312 Call a poison center/doctor if you feel unwell.

### Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### Disposal

None.

**Supplemental label information** EUH066 - Repeated exposure may cause skin dryness or cracking.

**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
Calcium Alkaryl sulphonate, long-chain <b>Classification:</b>	25 - 40	68783-96-0 272-213-9	-	-	
		<b>DSD:</b> R53 <b>CLP:</b> Aquatic Chronic 4;H413			
Naphtha (petroleum), Hydrotreated Heavy <b>Classification:</b>	20 - 40	64742-48-9 265-150-3	01-2119463258-33-XXXX	649-327-00-6	Note P UVCB
		<b>DSD:</b> R10, Carc. Cat. 2;R45, Muta. Cat. 2;R46, Xn;R65, R66-67 <b>CLP:</b> Flam. Liq. 3;H226, Asp. Tox. 1;H304, STOT SE 3;H336, Muta. 1B;H340, Carc. 1B;H350			
Naphtha (petroleum), Hydrotreated Heavy <b>Classification:</b>	10 - 20	64742-48-9 265-150-3	-	649-327-00-6	Note P UVCB
		<b>DSD:</b> Carc. Cat. 2;R45, Muta. Cat. 2;R46, Xn;R65 <b>CLP:</b> Asp. Tox. 1;H304, Muta. 1B;H340, Carc. 1B;H350			
oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine <b>Classification:</b>	0,1-<1	40027-38-1 254-754-2	-	-	M(acute) = 10
		<b>DSD:</b> Xn;R22, Xi;R38-41, N;R50 <b>CLP:</b> Acute Tox. 3;H301, Skin Irrit. 2;H315, Eye Dam. 1;H318, Aquatic Acute 1;H400			

List of abbreviations and symbols that may be used above:

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

Note: Regulation No. 1272/2008 - Annex VI

UVCB: Substances of Unknown or Variable composition, Complex reaction products or Biological materials

M: M-factor

#### Composition comments

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

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

<b>General information</b>	Get medical attention if any discomfort continues.
<b>4.1. Description of first aid measures</b>	
<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Drink 1 or 2 glasses of water. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	May cause drowsiness or dizziness.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically.

## **SECTION 5: Firefighting measures**

<b>General fire hazards</b>	Not available.
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. 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>	Fire may produce irritating, corrosive and/or toxic gases.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk.

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

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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.
<b>6.2. Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>6.3. Methods and material for containment and cleaning up</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible and place into containers. 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. Dispose in accordance with all applicable regulations.
<b>6.4. Reference to other sections</b>	For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

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

<b>7.1. Precautions for safe handling</b>	Avoid release to the environment. 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. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take measures to prevent the build up of electrostatic charge.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Keep tightly closed in a dry, cool and well-ventilated place. Store in original tightly closed container.
<b>7.3. Specific end use(s)</b>	Not available.

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

### **8.1. Control parameters**

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.

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

<b>Components</b>	<b>Type</b>	<b>Route</b>	<b>Value</b>	<b>Form</b>
Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)	Consumer	Dermal	125 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects			
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	185 mg/m3	
<b>Comments:</b>	Long term exposure systemic effects	Oral	125 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects	Professional		
<b>Comments:</b>	Long term exposure systemic effects	Dermal	208 mg/kg/BW/day	
<b>Comments:</b>	Long term exposure systemic effects	Inhalation	871 mg/m3	

**Predicted no effect concentrations (PNECs)** Not available.

### **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.

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### **Skin protection**

##### **- Hand protection**

Nitrile rubber

Glove thickness 0.4 mm.  
Break through time  $\geq$ 480 min

Glove recommendation: Camatril Velours® 730 (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  $\geq$  480 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.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

### **Hygiene measures**

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

### **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**

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Brown
<b>Odour</b>	Gasoline-like.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Ignition temperature</b>	240 °C (464 °F) estimated
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	48.0 °C (118.4 °F) Closed cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	0.6 %
<b>Explosive limit – upper (%)</b>	6.5 %
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	insoluble
<b>Solubility (other)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	140 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	40 °C (104 °F)
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	
<b>Density</b>	0.95 g/cm <sup>3</sup> (@ 20 °C)
<b>VOC (EU)</b>	385.7 g/l

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

<b>10.1. Reactivity</b>	Strong oxidising agents.
<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>	Heat, flames and sparks.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

**Ingestion** Not available.  
**Symptoms** Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

**11.1. Information on toxicological effects**

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

Product	Species	Test results
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Rust Prevention Cavity Wax T-HV4

Acute

Oral

> 5000 (calcd. ATE)

Components	Species	Test results
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Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)

Acute

Oral

Rat

> 5000 mg/kg OECD 401

oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (CAS 40027-38-1)

Acute

Oral

100 mg/kg (acc. CLP 3.1.2)

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

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

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

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

**Germ cell mutagenicity** CAS 64742-48-9: Note P is applicable (contains less than 0,1 % w/w benzene (EINECS No 200-753-7), therefore no classification as mutagen

**Carcinogenicity** CAS 64742-48-9: Note P is applicable (contains less than 0,1 % w/w benzene (EINECS No 200-753-7), therefore no classification as carcinogen

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

**Specific target organ toxicity - single exposure** May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

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

**Mixture versus substance information** No information available.

**Other information** Not available.

**SECTION 12: Ecological information**

**12.1. Toxicity** May cause long lasting harmful effects to aquatic life.

Components	Species	Test results
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oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (CAS 40027-38-1)

Aquatic

Acute

Crustacea

EC50

Daphnia magna

0.01 - 0.1 mg/l, 48 h OECD 202

**12.2. Persistence and degradability** No data is available on the degradability of this product.

**12.3. Bioaccumulative potential** No data available.

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

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** 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**

<b>Residual waste</b>	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).
<b>Contaminated packaging</b>	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.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  08 04 09  15 01 06
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## **SECTION 14: Transport information**

### **ADR**

<b>14.1. UN number</b>	UN1139
<b>14.2. UN proper shipping name</b>	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Hazard No. (ADR)</b>	30
<b>Tunnel restriction code</b>	D/E
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	No.
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	640E
<b>Classification code</b>	F1

### **IATA**

<b>14.1. UN number</b>	UN1139
<b>14.2. UN proper shipping name</b>	Coating solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining)
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>14.4. Packing group</b>	III
<b>Packaging instructions</b>	355
<b>Packaging instructions cargo only</b>	366
<b>14.5. Environmental hazards</b>	No.
<b>ERG Code</b>	3L
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.
<b>Maximum net quantity packaging - Passenger and cargo aircraft</b>	60 L
<b>Maximum net quantity packaging cargo only</b>	220 L
<b>Maximum net quantity packaging - Limited quantity</b>	10.00 L
<b>Special provisions</b>	A3

### **IMDG**

<b>14.1. UN number</b>	UN1139
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<b>14.2. UN proper shipping name</b>	COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)
<b>14.3. Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	
Marine pollutant	No.
EmS	F-E, S-E
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	Not available.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.

## **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**

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended**

Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended**

Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)

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

Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)

**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**

Naphtha (petroleum), Hydrotreated Heavy (CAS 64742-48-9)

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

Category: 5,9

**VOC (EU):** 385.7 g/l

#### **National regulations**

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.  
 R22 Harmful if swallowed.  
 R38 Irritating to skin.  
 R41 Risk of serious damage to eyes.  
 R45 May cause cancer.  
 R46 May cause heritable genetic damage.  
 R50 Very toxic to aquatic organisms.  
 R53 May cause long-term adverse effects in the aquatic environment.  
 R65 Harmful: may cause lung damage if swallowed.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.  
 H226 Flammable liquid and vapour.  
 H301 Toxic if swallowed.  
 H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H400 Very toxic to aquatic life.  
H413 May cause long lasting harmful effects to aquatic life.

**Revision information**

**Training information**

**Disclaimer**

Composition / Information on Ingredients: Ingredient Classification

Follow training instructions when handling this material.

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:** Rust Prevention Cavity Wax T-HV4  
**Ford Int. Ref. No.:** 181243

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**Print Date:** 10.03.2015

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**Involved Products:**

	<b>Finiscode</b>	<b>Part number</b>	<b>Container Size:</b>
1.	1 742 584	BU7J M7C80 AA	1 l