

**TRANSPRENE 5W**  
Supersedes Date: No information available

Revision Date 21-Mar-2016  
Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** TRANSPRENE 5W  
**Pure substance/mixture** Mixture

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

**Recommended use** Adhesives.  
**Uses advised against** None known.

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

#### Company Name

Bostik SA  
Immeuble "Le Jade"  
253 Avenue du President Wilson  
93211 La Plaine Saint Denis, France  
Tel: +33 (0)1 55 99 90 00  
Fax: +33 (0)1 55 99 90 01

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** No information available

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

<b>Skin Corrosion/Irritation</b>	Category 2 - (H315)
<b>Serious eye damage/eye irritation</b>	Category 2 - (H319)
<b>Specific target organ toxicity (single exposure)</b>	Category 3 - (H336)
<b>Chronic aquatic toxicity</b>	Category 2 - (H411)
<b>Flammable Liquids</b>	Category 2 - (H225)

Unknown acute toxicity 2% of the mixture consists of ingredient(s) of unknown toxicity  
Unknown aquatic toxicity 2% of the mixture consists of components(s) of unknown hazards to the aquatic environment

### 2.2. Label Elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane, Methyl ethyl ketone

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**Signal Word**  
DANGER

## Hazard statements

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H411 - Toxic to aquatic life with long lasting effects  
H225 - Highly flammable liquid and vapour  
EUH208 - Contains rosin. May produce an allergic reaction

## Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves and eye/face protection  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P235 - Keep cool  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Special provisions concerning the labelling of certain mixtures

This product requires tactile warnings if supplied to the general public

## 2.3. Other Hazards

### General Hazards

In use may form flammable/explosive vapour-air mixture.

### PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

This product is a mixture. Health hazard information is based on its components.

### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	921-024-6	--	20 - <40	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam Liq. 2 (H225)	01-2119475514-35-XXXX
Methyl ethyl ketone	201-159-0	78-93-3	20 - <40	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)	01-2119457290-43-XXXX
Ethyl acetate	205-500-4	141-78-6	10 - <20	Eye Irrit. 2 (H319)	01-2119475103-46-XXXX

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				STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)	
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	926-605-8	--	10 - <20	STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) (EUH066)	01-2119486291-36-xxxx
Rosin	232-475-7	8050-09-7	0.1- <1	Skin Sens. 1 (H317)	01-2119480418-32-XXXX
Hexane	203-777-6	110-54-3	0.1- <1	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	01-2119480412-44-XXXX
1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	201-222-2	79-74-3	0.1- <1	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2119539460-43-XXXX
Zinc oxide	215-222-5	1314-13-2	0.1- <1	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2119463881-32-XXXX
Disulfiram	202-607-8	97-77-8	0.01 - < 0.1	Acute Tox. 4 (H302) Skin Sens. 1 (H317) STOT RE 2 (H373) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2119555278-30-XXXX

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

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor immediately.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-protection of the first aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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

**Symptoms** None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to doctors** Treat symptomatically.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media**  
Use CO2, dry chemical, or foam.

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## Unsuitable Extinguishing Media

Use water spray or fog; do not use straight streams

## 5.2. Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## 5.3. Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

#### Personal Precautions

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

Water spray may reduce vapour; but may not prevent ignition in closed spaces.

#### For emergency responders

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Environmental precautions

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

### 6.3. Methods and material for containment and cleaning up

#### Methods for Containment

Dyke far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### Methods for cleaning up

Use clean non-sparking tools to collect absorbed material. Dyke far ahead of liquid spill for later disposal.

### 6.4. Reference to other sections

#### Reference to other sections

See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
SECTION 8: Exposure controls/personal protection

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/lighting /equipment.

#### General Hygiene Considerations

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep only in the original container/package in a cool well-ventilated place.

### 7.3. Specific end use(s)

#### Other Information

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Recommendation(s); Observe technical data sheet

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Chemical Name	European Union
Methyl ethyl ketone 78-93-3	TWA: 200 ppm TWA: 600 mg/m <sup>3</sup> STEL: 300 ppm STEL: 900 mg/m <sup>3</sup>
Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

### 8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

Eye/Face Protection Tight sealing safety goggles. Face protection shield.  
Skin and Body Protection Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic or rubber. Suitable protective clothing. Apron.

Environmental Exposure Controls Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical State Liquid  
Appearance Viscous  
Colour Cream  
Odour Solvent  
Odour Threshold No information available

Property	Values	Remarks • Method
pH	No information available	
Melting point/freezing point	No information available	
Boiling Point	60 °C / 140 °F	
Flash Point	-17 °C / 1.4 °F	CC (closed cup)
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Flammability Limit	11.5	
Lower Flammability Limit	1.1	
Vapour Pressure	No information available	
Vapour Density	No information available	
Specific Gravity	0.82 - 0.86	
Water Solubility	Insoluble in water	
Solubility in Other Solvents	Organic solvents	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	No information available	
Explosive Limits	No information available	
Upper	No information available	

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Lower	No information available	
<b>Oxidising Properties</b>	No information available	
<b>Kinematic Viscosity</b>	> 22	
<b>Dynamic Viscosity</b>	900 - 1400 mPa s	@ 20 °C

## 9.2. Other information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>Solvent content (%)</b>	No information available
<b>Solid content (%)</b>	19
<b>Density</b>	No Data Available
<b>Bulk Density</b>	No Data Available
<b>VOC content (%)</b>	

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical stability

Stable under recommended storage conditions.

#### Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by friction, heat, sparks or flames.

### 10.3. Possibility of hazardous reactions

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to avoid

Keep away from heat, sparks and flames.

### 10.5. Incompatible materials

Strong acids and bases.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on toxicological effects

#### **Product Information**

No information or data specific to the product on this toxicological (health) effect is available.

<b>Inhalation</b>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.
<b>Sensitisation</b>	No Data Available.

### Component Information

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	LD50 >5840 mg/kg (Rat)	LD50 24h >2920 mg/kg (Rat)	-
Methyl ethyl ketone	= 2483 mg/kg ( Rat ) = 2737 mg/kg ( Rat )	= 5000 mg/kg ( Rabbit ) = 6480 mg/kg ( Rabbit )	= 11700 ppm ( Rat ) 4 h
Ethyl acetate	= 5620 mg/kg ( Rat )	> 18000 mg/kg ( Rabbit ) > 20 mL/kg ( Rabbit )	LC0 29.3 mg/l air
Rosin	>2800 mg/Kg (rat)	> 2500 mg/kg ( Rabbit )	= 1.5 mg/L ( Rat ) 4 h
Hexane	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	= 2 g/kg ( Rat )	-	-
Zinc oxide	> 5000 mg/kg ( Rat )	-	-

<b>Skin Corrosion/Irritation</b>	Not applicable.
<b>Serious eye damage/eye irritation</b>	Not applicable.
<b>Sensitisation</b>	Not applicable
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Central nervous system, Eyes, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Unknown acute toxicity</b>	2% of the mixture consists of ingredient(s) of unknown toxicity

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects

### Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclic, <5% n-hexane	-	LL50 (96h) =11.4 mg/L Fish (Oncorhynchus mykiss)	EL50 (48h) =3mg/L Daphnia
Methyl ethyl ketone	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50 96 h 3130 - 3320 mg/L (Pimephales promelas flow-through)	EC50 48 h > 308 mg/L (Daphnia magna )
Ethyl acetate	EC50 48 h = 3300 mg/L (Desmodesmus subspicatus)	LC50 96 h 220 - 250 mg/L (Pimephales promelas flow-through) LC50 96 h = 484 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h 352 - 500 mg/L (Oncorhynchus mykiss semi-static)	EC50 48 h = 560 mg/L (Daphnia magna Static)
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	-	LL50 (96h)=12mg/L (Oncorhynchus mykiss)Semi-static OECD 203	-
Rosin	EC50 72 h = 400 mg/L (Desmodesmus subspicatus)	LC50 (96h) >10mg/L Fish (Danio rerio)	EC50 48 h >100 mg/L (Daphnia magna )
Hexane	-	LC50 96 h 2.1 - 2.98 mg/L (Pimephales promelas flow-through)	EC50 24 h > 1000 mg/L (Daphnia magna )

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1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	CE50 (72h) 1.2 - 1.7 mg/L Algae	CL50 (96h) 0.013 mg/L Fish (Lepomis macrochirus)	CE50 (48h) 0.91 Daphnia (Daphnia Magna)
Zinc oxide	-	LC50 (96h) =0.7 mg/L Fish (Danio rerio)	-
Disulfiram	-	LC50 96 h = 0.187 mg/L (Poecilia reticulata semi-static)	-

## 12.2. Persistence and degradability

No information available.

## 12.3. Bioaccumulative potential

No information available.

**Partition coefficient** No information available

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6. Other Adverse Effects

No information available

## **Endocrine Disruptor Information**

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## **Section 13: DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

<b>Waste from Residues/Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.
<b>European Waste Catalogue</b>	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## **Section 14: TRANSPORT INFORMATION**

### ADR

<b>14.1 UN/ID no</b>	UN1133
<b>14.2 Proper Shipping Name</b>	Adhesives, Environmentally Hazardous
<b>14.3 Hazard Class</b>	3
<b>Hazard Labels</b>	3
<b>14.4 Packing Group</b>	III
<b>Description</b>	UN1133, Adhesives, Environmentally Hazardous, 3, III, (D/E)
<b>14.5 Environmental Hazard</b>	yes
<b>14.6 Special Provisions</b>	640E
<b>Classification Code</b>	F1
<b>Tunnel restriction code</b>	(D/E)
<b>Limited Quantity (LQ)</b>	5 L
<b>ADR Hazard Id (Kemmler)</b>	30



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## IMDG

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1133, Adhesives, 3, III, (-17°C c.c.)
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	223, 955
Limited Quantity (LQ)	5 L
EmS-No	F-E, S-D
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

## RID

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives, Environmentally Hazardous
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1133, Adhesives, Environmentally Hazardous, 3, III
14.5 Environmental Hazard	yes
Classification Code	F1
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L

## ICAO (air)

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1133, Adhesives, 3, III
14.5 Environmental Hazard	yes
14.6 Special Provisions	A3

## IATA

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1133, Adhesives, 3, III
14.5 Environmental Hazard	yes
14.6 Special Provisions	A3
Limited Quantity (LQ)	10 L
ERG Code	3L

## **Section 15: REGULATORY INFORMATION**

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

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## **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

## **EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

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

No information available

## **Section 16: OTHER INFORMATION**

### **Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H361f - Suspected of damaging fertility

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure if inhaled

H304 - May be fatal if swallowed and enters airways

H411 - Toxic to aquatic life with long lasting effects

H225 - Highly flammable liquid and vapour

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H319 - Causes serious eye irritation

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

EUH066 - Repeated exposure may cause skin dryness or cracking

### **Legend**

SVHC: Substances of Very High Concern for Authorisation: Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity - Repeated exposure

STOT (SE): Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

### **Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

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### **Indication of changes**

**Revision Note** Not applicable.

**Training Advice** Provide adequate information, instruction, and training for operator

**Further information** No information available

**This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006**

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## **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**