

**BOSTIK MIPLAFIX 100**  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

## 1.1. Product Identifier

**Product Name** BOSTIK MIPLAFIX 100  
**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]

Not classified

### 2.2. Label Elements

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

Not classified

#### **Signal Word**

No signal word

EUH210 - Safety data sheet available on request

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

P103 - Read label before use

P102 - Keep out of reach of children

P101 - If medical advice is needed, have product container or label at hand

### 2.3. Other Hazards

# Safety Data Sheet

**BOSTIK MIPLAFIX 100**  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

## General Hazards

No information available.

## PBT and vPvB assessment

This preparation contains substances considered to be persistent, bio-accumulating and toxic (PBT) or to be very persistent or very bioaccumulating (vPvB)

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Nonylphenol ethoxylates	-	9016-45-9	0.1- <1	Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Eye Irrit. 2 (H319) PBT		01-2119946371-39-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.

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No	SVHC candidates
Nonylphenol ethoxylates	9016-45-9	X

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a doctor.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a doctor.

### 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

# Safety Data Sheet

**BOSTIK MIPLAFIX 100**  
**Supersedes Date:** 28-Apr-2017

**Revision Date** 28-Apr-2017  
**Version** 1

## **Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## **Unsuitable Extinguishing Media**

None known

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

Thermal decomposition can lead to release of irritating and toxic gases and vapours.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

#### **Personal Precautions**

Evacuate personnel to safe areas. Use personal protection recommended in Section 8.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

Keep people away from and upwind of spill/leak.

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

#### **Methods for Containment**

Stop leak if you can do it without risk.

#### **Methods for cleaning up**

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

### **6.4. Reference to other sections**

#### **Reference to other sections**

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not re-use container.

#### **General Hygiene Considerations**

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

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

#### **Storage Conditions**

Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place.

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

#### **Other Information**

# Safety Data Sheet

BOSTIK MIPLAFIX 100  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

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.

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering Controls** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.

#### Personal Protective Equipment

**Eye/Face Protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Skin and Body Protection** Wear protective gloves and protective clothing. Avoid contact with skin, eyes or clothing.

**Respiratory Protection** During spraying wear suitable respiratory equipment.

**Environmental Exposure Controls** Local authorities should be advised if significant spillages cannot be contained. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical State</b>	Liquid
<b>Appearance</b>	Viscous
<b>Colour</b>	Off-white
<b>Odour</b>	No information available
<b>Odour Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7 - 8	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling Point</b>	100 °C / 212 °F	
<b>Flash Point</b>	> 100 °C / > 212 °F	
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	Not applicable for liquids
<b>Flammability Limit in Air</b>		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
<b>Vapour Pressure</b>	No information available	
<b>Vapour Density</b>	No information available	
<b>Relative Density</b>	1.4	@ 23 °C
<b>Water Solubility</b>	Soluble in water	
<b>Solubility in Other Solvents</b>	No information available	
<b>Partition Coefficient</b>	No information available	
<b>Autoignition Temperature</b>	No information available	
<b>Decomposition Temperature</b>	No information available	
<b>Explosive Properties</b>	No information available	
<b>Explosive Limits</b>	No information available	
Upper	No information available	
Lower	No information available	
<b>Oxidising Properties</b>	No information available	

# Safety Data Sheet

**BOSTIK MIPLAFIX 100**  
Supercedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

**Kinematic Viscosity** No information available  
**Dynamic Viscosity** 25000 - 35000 mPa s @ 23 °C

## 9.2. Other information

**Softening Point** No information available  
**Molecular Weight** No information available  
**Solvent content (%)** No information available  
**Solid content (%)** >= 77  
**Density** No Data Available  
**Bulk Density** No Data Available  
**VOC content (%)**

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

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion Data

Sensitivity to Mechanical Impact None.  
Sensitivity to Static Discharge None.

### 10.3. Possibility of hazardous reactions

#### **Hazardous Polymerisation**

None known.

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

None under normal processing.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Keep from freezing.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## **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.

**Inhalation** No Data Available.  
**Eye contact** No Data Available.  
**Skin Contact** No Data Available.  
**Ingestion** No Data Available.  
**Sensitisation** No Data Available.

**Skin Corrosion/Irritation** Not applicable.

# Safety Data Sheet

BOSTIK MIPLAFIX 100  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

**Serious eye damage/eye irritation** Not applicable.  
**Sensitisation** Not applicable.  
**Germ Cell Mutagenicity** Not applicable.  
**Carcinogenicity** Not applicable.  
**Reproductive Toxicity** No information available.  
**STOT - Single Exposure** No information available.  
**STOT - Repeated Exposure** No information available.  
**Target Organ Effects** Eyes, Respiratory system, Skin.  
**Aspiration Hazard** No information available.

## Numerical measures of toxicity

### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

**Unknown acute toxicity** No information available.

## Component Information

**Toxicity Data** Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Nonylphenol ethoxylates 9016-45-9	= 1310 mg/kg ( Rat ) = 2590 mg/kg ( Rat )	= 1780 µL/kg ( Rabbit ) = 2 mL/kg ( Rabbit )	-

## **Section 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

**Ecotoxicity** No information available

## Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Nonylphenol ethoxylates 9016-45-9	-	-	LC50 1.8 mg/l (Daphnia)	

### 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.

# Safety Data Sheet

BOSTIK MIPLAFIX 100  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

## 12.5. Results of PBT and vPvB assessment

This preparation contains substances considered to be persistent, bio-accumulating and toxic (PBT), or to be very persistent or very bioaccumulating (vPvB).

Chemical Name	REACH (1907/2006) - Registered Substances Considered to be PBT/vPvB
Nonylphenol ethoxylates 9016-45-9	Listed

## 12.6. Other Adverse Effects

No information available

### Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
Nonylphenol ethoxylates 9016-45-9	Group III Chemical	

## **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 10 waste adhesives and sealants other than those mentioned in 08 04 09
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## **Section 14: TRANSPORTATION INFORMATION**

### ADR

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

### IMDG

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
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	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable

# Safety Data Sheet

BOSTIK MIPLAFIX 100  
Supersedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

14.6 Special Provisions None

## ICAO (air)

14.1 UN/ID no Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Hazard Class Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental Hazard Not applicable  
14.6 Special Provisions None

## IATA

14.1 UN/ID no Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Hazard Class Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental Hazard Not applicable  
14.6 Special Provisions None

## Section 15: REGULATORY INFORMATION

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

#### European Union

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)

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

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No
Nonylphenol ethoxylates	9016-45-9

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

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical Name	CAS No	Restrictions on use
Nonylphenol ethoxylates	9016-45-9	46[b]. 46a.

##### 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)

##### Regulation (EC) No. 689/2008 of the European parliament and of the council concerning the export and import of dangerous chemicals

This product contains substances which are regulated pursuant to Regulation (EC) No. 689/2008 of the European parliament and of the council concerning the export and import of dangerous chemicals

Chemical Name	European Export/Import Restrictions per (EC) 689/2008 - Annex Number
Nonylphenol ethoxylates - 9016-45-9	I.1 V



# Safety Data Sheet

**BOSTIK MIPLAFIX 100**  
Supercedes Date: 28-Apr-2017

Revision Date 28-Apr-2017  
Version 1

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**  
Not applicable

**Persistent Organic Pollutants**  
Not applicable

## National Regulations

### France

### Germany

**Ordinance on Industrial Safety and Health - Germany - BetrSichV**  
No flammable liquids in accordance with BetrSichV

### Netherlands

**List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)**

## 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out

## **Section 16: OTHER INFORMATION**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H411 - Toxic to aquatic life with long lasting effects

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
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**

Classification and labeling data calculated from data received from raw material suppliers

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 28-Apr-2017

#### Indication of changes

**Revision Note** Not applicable.

# Safety Data Sheet

**BOSTIK MIPLAFIX 100**  
**Supersedes Date:** 28-Apr-2017

**Revision Date** 28-Apr-2017  
**Version** 1

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**Training Advice** No information available

**Additional information** No information available

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

## **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**