

Fixtech Pty Ltd – PO Box 568, Southport, QLD  
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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 1. Identification

- 1.1 Identification of the substance or preparation:**  
 Product Name: MP101 - Metal Plastic Extra Fine Filler
- 1.2 Use of substance or preparation:**  
 Sealant/Filler
- 1.3 Company undertaking identification:**  
 Fixtech Pty Ltd – Fixtech Marine Solutions  
 Unit 1/20 Export Drive  
 Molendinar, Queensland 4214  
 Tel. : +61 7 5530 1099  
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 Email: [info@fixtech.com.au](mailto:info@fixtech.com.au)
- 1.4 Emergency telephone:**  
 +61 7 5530 1099

### 2. Composition/information on ingredients

Hazardous Ingredients	CAS No. EINECS/ELINCS No.	Conc. In %	Classification		Note	Remark
Styrene (-)	100-42-5 202-851-5	C> 12.5	Xn; R20 Xi; R36/38 R10	Flam.Liq 3; H226 Acute Tox.4; H332 Eye Irrit.2; H319 Skin Irrit.2; H315	(1) (2) (8) (10)	Constituent

(1) For R-Phrases in full: see heading 16

(2) Substance with a workplace exposure limit

(3) PBT – substance

(10) Subject to restrictions of Annex XVII of Regulation (EC) No.1907/2006

# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 3. Hazards identification

#### 3.1 Classification of the substance or mixture:

##### Classification according to Regulation (EC) No. 1271/2008

Class	Category	Hazard statements
Flammable liquid	Category 3	H226: Flammable liquid and vapour
Acute toxicity	Category 4	H332: Harmful if inhaled
Eye irritant	Category 2	H319: Causes serious eye irritation
Skin irritant	Category 2	H315: Causes skin irritation

#### 3.1.2 Classification according Directive 67/548/EEC-1999/45/EC:

Classified as dangerous in accordance with the criteria of Directives 67/548/EEC and 1999/45/EC  
 Xn; R20 - Harmful by inhalation  
 Xi; R36/38 - Irritating to eyes and skin  
 R10 – Flammable

#### 3.2 Label elements:



Contains styrene



Warning

#### H - statements

- H226 Flammable liquid and vapour
- H332 Harmful if inhaled
- H319 Causes serious eye irritation
- H315 Causes skin irritation

#### P-statements:

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P280 Wear protective gloves and eye protection/face protection
- P261 Avoid breathing
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- 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
- P501 Dispose of contents/container to manufacturer/competent authority

# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler



Harmful  
Contains: styrene

### R-phrases:

- 10 Flammable
- 20 Harmful by inhalation
- 36/38 Irritating to eyes and skin

### S-phrases:

- (02) (Keep out of reach of children)
- 23 Do not breath vapour

### 3.3 Other hazards:

- May build up electrostatic charges; risk of ignition
- May be ignited by sparks
- Heat may cause pressure rise with explosion risk
- Caution! Substance is absorbed through the skin

## 4. First aid measures

### 4.1 Description of first aid measures:

#### General:

- Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital

#### After inhalation:

- Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service

#### After skin contact:

- Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists

#### After eye contact:

- Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists

#### After ingestion:

- Rinse mouth with water. Do not induce vomiting. Give activated charcoal. Consult a doctor/medical service if you feel unwell

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

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

#### 4.2.1 Acute symptoms

##### After inhalation:

- EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Central nervous system, depression. Feeling of weakness. Nausea. Headache. Dizziness. Mental confusion. Coordination disorders. Myasthenia. Impaired concentration. Disturbed motor response. Disturbances of consciousness.

##### After skin contact:

- Tingling/irritation of the skin.

##### After eye contact:

- Irritation of the eye tissue.

##### After ingestion:

- AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Symptoms similar to those listed under inhalation.

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

If applicable and available it will be listed below.

## 5. Fire fighting measures

#### 5.1 Suitable extinguishing media:

- Polyvalent foam
- Water spray
- Carbon dioxide
- Alcohol resistant foam
- BC powder

#### Unsuitable extinguishing media:

- Solid water jet ineffective as extinguishing medium

#### 5.3 Special hazards arising from the substance or mixture:

- Upon combustion: CO and CO<sub>2</sub> are formed. Polymerizes on exposure to temperature rise: (increased) risk of fire/explosion.

#### 5.4 Advice for Firefighters:

- If exposed to fire cool the closed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistent risk of physical explosion

#### 5.5 Special protective equipment for firefighters:

- Gloves. Face-shield. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus

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### 6. Accidental release measures

#### 6.1 Personal precautions:

- Stop engines and no smoking. No naked flames or sparks. Spark- and explosion proof appliances and lighting equipment

#### 6.2 Environmental precautions:

- Contain leaking substance. Dam up the liquid spill. Prevent spreading in sewers. Use appropriate containment to avoid environmental contamination.

#### 6.3 Methods for cleanup and containment:

- Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite, powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

### 7. Handling and storage

The information contained in this section is a general description. If applicable and available, exposure scenarios are attached in the annex. Always use the relevant exposure scenarios that correspond to your identified use.

#### 7.1 Precautions for safe handling:

- Insufficient ventilation: use spark-/explosion proof appliances and lighting system. Insufficient ventilation: take precautions against electrostatic charges. Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Gas/vapour heavier than air at 20°C; Observe normal hygiene standards. Keep container tightly closed. Remove contaminated clothing immediately. Do not discharge the waste into the drain.

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

##### Safe storage requirements:

- Store in a cool area. Store in a dark area. Keep out of direct sunlight. Ventilation at floor level. Fireproof storeroom. Store at room temperature. Meet the legal requirements. Max. storage time: 365 day(s).

##### Keep away from:

- Heat sources, ignition sources, combustible materials, oxidizing agents, (strong) acids, (strong) bases, halogens.

##### Suitable packing material:

- Tin

#### 7.3 Specific uses:

- See information supplied by the manufacturer for the identified uses.

# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 8. Exposure controls/personal protection

#### 8.1 Exposure limit values:

##### 8.1.1 Occupational exposure:

###### The Netherlands

Styreen	Time-weighted average exposure limit 8 hours	25ppm	Private occupational exposure limit value
	Time-weighted average exposure limit, calculated	107 mg/m <sup>3</sup>	

###### Belgium

Styrène (monomère)	Short time value	100ppm 432 mg/m <sup>3</sup>	
	Time-weighted average exposure limit 8 hours	50ppm 216 mg/m <sup>3</sup>	

###### USA (TLV-ACGIH)

Styrene, monomer	Short time value	40ppm	TLV – Adopted value
	Time-weighted average exposure limit 8 hours	20ppm	TLV – Adopted value

###### Germany

Styrol	Time-weighted average exposure limit 8 hours	20ppm 86 mg/m <sup>3</sup>	TRGS 900
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###### France

Styrène	Time-weighted average exposure limit 8 hours	50ppm 215 mg/m <sup>3</sup>	VL: Valeur non réglementaire indicative
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###### UK

Styrene	Short time value	250ppm 1080 mg/m <sup>3</sup>	Workplace exposure limit (EH40/2005)
	Time-weighted average exposure limit 8 hours	100ppm 430 mg/m <sup>3</sup>	Workplace exposure limit (EH40/2005)

#### 8.1.2 Sampling methods:

Product name	Test	Number
Styrene	OSHA	9
Styrene	OSHA	89
Styrene	NON	37
Styrene (organic and inorganic gases by Extractive FTIR)	NIOSH	3800
Styrene (Phenylethylene) (Hydrocarbons, aromatic)	NIOSH	1501

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 8.1.3 Applicable limit values when using the substance or mixture as intended

- If limit values are applicable and available these will be listed below

### 8.1.4 DNEL/PNEC values

#### DNEL – Workers

Styrene

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Acute systemic effects inhalation	289 mg/m <sup>3</sup>	
	Acute local effects inhalation	306 mg/m <sup>3</sup>	
	Long term systemic effects dermal	406 mg/kg bw/day	
	Long term systemic effects inhalation	85 mg/m <sup>3</sup>	

#### DNEL – General Population

Styrene

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Acute systemic effects inhalation	174.25 mg/m <sup>3</sup>	
	Acute local effects inhalation	182.75 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	343 mg/kg bw/day	
	Long-term systemic effects inhalation	10.2 mg/m <sup>3</sup>	
	Long-term systemic effects oral	2.1 mg/kg bw/day	

#### PNEC

Styrene

Compartments	Value	Remark
Fresh water	0.028 mg/l	
Marine water	.0028 mg/l	
Aqua (intermittent releases)	0.04 mg/l	
STP	5 mg/l	
Fresh water sediment	0.614 mg/kg sediment dw	
Marine water sediment	0.0614 mg/kg sediment dw	
Soil	0.2 mg/kg soil dw	

### 8.2 Exposure controls:

- The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 8.2.1 Appropriate engineering controls:

- Insufficient ventilation: use spark-/explosion proof appliances and lighting system. Insufficient ventilation: take precautions against electrostatic charges. Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Before use: check for peroxides and eliminate them. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Exhaust gas must be neutralised

### 8.2.1 Personal protective equipment:

#### Respiratory protection:

- In case of insufficient ventilation wear respiratory equipment.
- Wear gas mask with filter type A if conc. in air > exposure limit.

#### Hand protection:

- Gloves

#### Eye protection:

- Face shield

#### Skin protection:

- Protective clothing

### 8.2.2 Individual protection measures, such as personal protective equipment

- Observe strict hygiene. Keep container tightly closed. Do not eat, drink or smoke during work.

### 8.2.3 Environmental exposure controls:

- See heading 6.2, 6.3 and 13

## 9. Physical and chemical properties

### 9.1 General information:

Physical form	Viscous
Odour	Solvent like odour
Odour threshold	No data available
Colour	Variable in colour
Particle size	No data available
Explosion limits	1.1 – 8 vol% 45-350 g/m <sup>3</sup>
Flammability	Flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	0.9-1.2 Pa.s ; 23°C
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	> 145°C
Flash point	34°C
Evaporation rate	No data available
Vapour pressure	6.5 hPa; 20°C



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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

Relative vapour density	No data available
Solubility	Water insoluble
Relative density	1.1
Decomposition temperature	No data available

### 9.1 General information:

Auto ignition temperature	> 490°C
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

### 9.2 Physical hazards:

- Flammable liquid

### 9.3 Other information:

Absolute density	1900kg/m <sup>3</sup>
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## 10. Stability and reactivity

### 10.1 Reactivity:

- May build up electrostatic charges: risk of ignition. May be ignited by sparks. No data available.

### 10.2 Chemical stability:

- Unstable on exposure to heat

### 10.3 Possibility of hazardous reactions:

- Reacts with (strong) oxidizers: (increased) risk of fire/explosion. Reacts with (some) acids: (increased) risk of fire/explosion.

### 10.4 Conditions to avoid

- Insufficient ventilation: use spark-/explosion proof appliances and lighting system. Insufficient ventilation: take precautions against electrostatic charges. Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away

### 10.5 Incompatible materials

- Combustible materials, oxidizing agents, (strong) acids, (strong) bases, halogens.

### 10.6 Hazardous decomposition products

- Upon combustion: CO and CO<sub>2</sub> are formed

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 11. Toxicological information

#### 11.1 Acute toxicity:

##### 11.1.1 Test results:

##### Fixtech – MP101 Fine Filler

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50		>2000mg/kg		Rat		

##### Styrene

Route of Exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50		>6000mg/kg bw		Rat	Male	Weight of Evidence
Dermal	LD50	OECD 402	>2000mg/kg bw	24 h	Rat	Male/female	Experimental value
Dermal	LC0	OECD 402	2000- mg/l bw	24 h	Rat	Male/female	Experimental value
Inhalation (vapours)	LC50	Equivalent to OECD 403	>2.13 mg/l	6 h	Mouse	Male/female	Weight of Evidence

Classification of the mixture is based on the relevant of the mixture

#### Conclusion:

- Harmful if inhaled
- Low acute toxicity by the oral route
- Low acute toxicity by the dermal route

#### Corrosion irritation:

Fixtech – MP101 Fine Filler: No (test) data available on mixture

#### Styrene

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Irritating					Literature study
Skin	Irritating					Literature study

Classification of the mixture is based on the relevant ingredients of the mixture

#### Respiratory or skin sensitisation:

##### Fixtech – MP101 Fine Filler

- Fixtech - MP 101 Fine Filler; No (test) data on the mixture available
- Classification of the mixture is based on the relevant ingredients of the mixture

#### Conclusion:

- Not classified as sensitizing for inhalation
- Not classified as sensitizing for skin

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

**Specific target organ toxicity:**

Fixtech - MP 101 Fine Filler; No (test) data on the mixture available

Styrene

Route of exposure	Parameter	Value	Organ	Effect	Exposure time	Species	Gender	Value determination
Oral	NOAEL	1000 mg/kg bw/day		Histopathology	78-103 weeks	Rat	M/F	Experimental value
Oral	LOAEL	2000 mg/kg bw/day		Histopathology	78-103 weeks	Rat	M/F	Experimental value
Inhalation (vapours)	NOAEC	0.85 mg/l air	Nose		13 weeks 6h/day, 5 days week	Rat	M/F	Experimental value
Inhalation (vapours)	NOAEC	2.13 mg/l air		Overall effects	13 weeks 6h/day, 5 days week	Rat	M/F	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

**Conclusion:**

- Low sub-chronic toxicity by the oral route
- Low sub-chronic toxicity by inhalation route

**Mutagenicity (in vitro):**

Fixtech - MP 101 Fine Filler; No (test) data on the mixture available

Result	Method	Test substrate	Effect	Value determination
Negative	Equivalent to OECD 471	Bacteria (S.typhimurium)		Experimental value
Positive	Equivalent to OECD 479	Human lymphocytes		Experimental value

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

**Mutagenicity (in vivo):**

**Fixtech – MP101 Fine Filler; No (test) data on the mixture available**

Styrene

Result	Method	Exposure time	Test substrate	Gender	Organ	Value Determination
Positive		3 weeks 6h/day, 7 days week	Mouse	Male		Experimental value
Negative		21 days, 6h/day	Mouse	Male		Experimental value

**Carcinogenicity:**

**Fixtech – MP101 Fine Filler; No (test) data on the mixture available**

Styrene

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination	Effect
Inhalation (vapours)	LOAEC	EquivInt to OECD 453	0.09 mg/l air	98-104 wks 6h/day 5days/wk	Mouse	Female	Experimental value	Carcinogenicity
Inhalation (vapours)	NOAEC	EquivInt to OECD 453	0.09 mg/l air	98-104 weeks 6h/day 5days/wk	Mouse	Male	Experimental value	Carcinogenicity
Oral	NOAEL		>=200 mg/kg bw/day	78-103 wks	Rat	M/F	Experimental value	Carcinogenicity
Oral	LOAEL		150mg /kg bw/day	78 wks	Guinea pig	M/F	Experimental value	Carcinogenicity

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

**Reproductive toxicity:**

Fixtech – MP101 Fine Filler; No (test) data on the mixture available

Styrene

	Parameter	Method	Value	Exposure time	Species	Gender	Effect	Value Determination
Development toxicity	NOAEC		0.21 mg/l air	111 days 6h/day	Rat			Experimental value
	NOAEC	OECD 414	>=2.55 6 mg/l air	10 days 7h/day	Rat			Experimental value
Effects on fertility	NOAEC (P)	OECD 416	0.64 mg/l air	70 days 6h/day	Rat	M/F		Experimental value
	LOAEL(P)	OECD 416	2.13 mg/l air	70 days 6h/day	Rat	M/F	Histopathology	Experimental value
	NOAEC(F1)	OECD 416	0.64 mg/l air	70 days 6h/day	Rat	M/F		Experimental value
	LOAEL(F1)	OECD 416	2.13 mg/l air	70 days 6h/day	Rat	M/F	Histopathology	Experimental value
	NOAEC(F2)	OECD 416	0.21mg /l air	70 days 6h/day	Rat	M/F		Experimental value
	LOAEL(F2)	OECD 416	0.64 mg/l air	70 days 6h/day	Rat	M/F	Histopathology	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

**Conclusion:**

- Not classified for reprotoxic or developmental toxicity
- Not classified for mutagenic or genotoxic toxicity
- Not classified for carcinogenicity

**Toxicity other effects:**

Fixtech – MP101 Fine Filler; No (test) data on the mixture available

**Chronic effects from short and long term exposure:**

- Fixtech Fillseal MP 101 ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Feeling of weakness. Dry skin. Itching. Skin rash/inflammation. Change in the haemogramme/blood composition. Loss of appetite. Enlargement/affection of the liver.

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

**Other information:**

Fixtech – MP101 Fine Filler; No (test) data on the mixture available

**Styrene**

TLV - Carcinogen	A4
IARC- classification	2B
MAK - Carcinogen category	5

## 12. Ecological information

**12.1 Toxicity:**

Fixtech MP101 Fine filler, No (test) data on the mixture available

**Styrene**

	Parameter	Method	Value	Duration	Species	Test Design	Water	Value determination
Acute toxicity fishes	LC50	OECD 203	10mg/l	96 h	Pimephales promelas	Flow-through system	Fresh	Experimental value
Acute toxicity invertebrates	EC50	OECD 202	4.7mg/l	48 h	Daphnia magna	Flow-through system	Fresh	Experimental value
Toxicity algae and other aquatic plants	EC50	EPA OTS 797.1050	4.9mg/l	72 h	Selenastrum capricornutum	Static system	Fresh	Experimental value
Long-term toxicity aquatic invertebrates	NOEC	OECD 211	1.01mg/l	21 days	Daphnia magna	Semi-static	Fresh	Experimental value
Toxicity aquatic micro- organisms	EC50		5.5mg/l	< 1 h	Photobacterium phosphoreum			
	EC50	OECD 209	500mg/l	30 mins	Activated sludge	Static system	Fresh	Experimental value

**12.2 Persistence and degradability:**

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

**Styrene**  
**Biodegradation in water**

Method	Value	Duration	Value determination
OECD 301: Closed bottle test	87%	20 day(s)	Experimental Value
Other	70.9 – 100%	28 day(s)	Experimental Value

**Conclusion:**

Contains readily biodegradable component(s)

**12.3 Bioaccumulative potential:**  
**Log Kow**

Parameter	Remark	Value	Temperature	Value Determination
	Not applicable (mixture)			

**Styrene**  
**BCF fishes**

Parameter	Method	Value	Duration	Species	Value determination
BCF		35.5		Carassius auratus	Literature study

**Log Kow**

Method	Remark	Value	Temperature	Value determination
OECD 107		2.96	29°C	Experimental value

**Conclusion**

No straightforward conclusion can be drawn based upon the available test results

**12.4 Mobility in soil:**  
**Styrene**  
**(log) Koc**

Parameter	Method	Value	Value determination
Koc		352	Estimated value
Log Koc		2.55	Estimated value

**Volatility (Henry's Law Constant H)**

Value	Method	Temperature	Remark	Value determination
195 Pa.m <sup>3</sup> /mol		20°C		Experimental value

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### 12.5 Results of PBT and vPvB assessment:

- Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

### 12.6 Other adverse effects:

#### Fixtech MP101 Fine Filler

#### Global warming potential (GWP)

- None of the known components is included in the list of substances, which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

#### Ozone-depleting potential (ODP)

- Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

#### Styrene:

#### Global warming potential (GWP)

- Not included in the list of substances, which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

#### Ozone-depleting potential (ODP)

- Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

#### Ground water

- Ground water pollutant

## 13. Disposal considerations

### 13.1 Provisions relating to waste:

- Waste material code (Directive 2008/98/EC, decision 2000/0532/EC). 08 04 09\* (waste adhesives and sealants containing organic solvents or other dangerous substances). Depending on branch of industry and production process, also other EURL codes may be applicable. Hazardous waste according to Directive 2008/98/EC.

### 13.2 Disposal methods:

- Recycle/reuse. Incinerate under surveillance with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment.

### 13.3 Packaging:

- Waste material code packaging (Directive 2008/98/EC). 15 01 10\* (packaging containing residues of or contaminated by dangerous substances).



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## MP101 Extra Fine White Filler

### 14. Transport information

#### 14.1 Road (ADR):

UN number	3269
Proper shipping name	Polyester resin kit
Hazards identification number	
Class	3
Classification code	F1
Packing group	III
Labels	3
Environmentally hazardous substance mark	No
Special provisions	236
Special provisions	340
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30kg. (gross mass)

#### Rail (RID):

UN number	3269
Proper shipping name	Polyester resin kit
Hazards identification number	33
Class	3
Classification code	F1
Packing group	III
Labels	3
Environmentally hazardous substance mark	No
Special provisions	236
Special provisions	340
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30kg. (gross mass)

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# MATERIAL SAFETY DATA SHEET

## MP101 Extra Fine White Filler

### Inland waterways (ADN):

UN number	3269
Proper shipping name	Polyester resin kit
Hazards identification number	
Class	3
Classification code	F1
Packing group	III
Labels	3
Environmentally hazardous substance mark	No
Special provisions	236
Special provisions	340
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30kg. (gross mass)

### Sea (IMDG):

UN number	3269
Proper shipping name	Polyester resin kit
Hazards identification number	
Class	3
Classification code	
Packing group	III
Labels	3
Marine pollutant	
Environmentally hazardous substance mark	No
Special provisions	236
Special provisions	340
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30kg. (gross mass)
Annex II of MARPOL 73/78	Not applicable, based on available data

### Air (ICAO-TI/IATA-DGR):

UN number	3269
Proper shipping name	Polyester resin kit
Class	3
Packing group	III
Labels	3
Environmentally hazardous substance mark	No
Special provisions	A66
Special provisions	A163
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	1kg

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## MP101 Extra Fine White Filler

**15.1 Chemical safety assessment:**  
 No chemical safety assessment has been conducted

### 16. Other information

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

**Full text of any R-phrases referred to under headings 2 and 3:**

- R10 Flammable
- R20 Harmful by inhalation
- R36/38 Irritating to eyes and skin

**Full text of any H-statements referred to under headings 2 and 3:**

- H226 Flammable liquid and vapour.
- H332 Harmful if inhaled.
- H319 Causes serious eye irritation.
- H315 Causes skin irritation.

PBT – substances = persistent, bio accumulative and toxic substances

DSD Dangerous Substance Directive  
 DPD Dangerous Preparation Directive  
 CLP (EU-GHS) Classification, Labelling and packaging (Globally Harmonised System in Europe)

Specific concentration limits DSD

Styrene	C>+12.5%	Xn;R 20-36/38
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