

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

1.1. Product identifier

Chemical type : Mixture
Trade name : serilor® HR

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

1.2.1. Relevant identified uses

Use of the substance/preparation : Screen-printing squeegees and technical sheets

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

FIMOR
210 Rue du Polygone
FR-72058 LE MANS CEDEX 2 - FRANCE
T +33 (0)2 43 40 66 00 - F +33 (0)2 43 40 00 95
www.fimor.fr

1.4. Emergency telephone number

Country	Official advisory body / Company	Address	Emergency number
FRANCE	ORFILA	http://www.centres-antipoison.net	+33 (0)1 45 42 59 59

SECTION 2 : Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Not subjected.

2.3. Other hazards

Other hazards not contributing to the classification : During use, the product does not generate dust. In case of machining : Dust from this product may cause irritation to the respiratory tract.

SECTION 3 : Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Polyurethane issued of a complete three components reaction, in which one component contains isocyanates. The final matter does not contain free isocyanate

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

SECTION 4 : First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not specifically applicable.
First-aid measures after skin contact : Not specifically applicable.
First-aid measures after eye contact : Not specifically applicable.
First-aid measures after ingestion : Not specifically applicable.

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

No additional information available

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

No additional information available

SECTION 5 : Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂)
Foam
Dry powder
Water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard : On combustion or on thermal decomposition (pyrolysis) releases :
Carbon oxides (CO and CO₂)
Nitrogen oxides.
Hydrogen cyanide.

5.3. Advice for firefighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray
Contain the extinguishing fluids by bunding.

Protection during firefighting : Do not attempt to take action without suitable protective equipment
Self-contained breathing apparatus
Complete protective clothing.

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Not specifically applicable.

6.1.2. For emergency responders

Emergency procedures : Not specifically applicable.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Recover mechanically the product.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7 : Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Does not require any specific or particular technical measures.

Hygiene measures : Do not drink, eat or smoke in the workplace
Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular measures.

Storage conditions : Keep in a cool, well-ventilated place away from heat
Protect from sunlight.

Storage temperature : 15 - 25 °C

Packaging materials : Carton.
Plastic materials.

7.3. Specific end use(s)

No additional information available

SECTION 8 : Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Does not require any specific or particular measures.

Hand protection : Not required for normal conditions of use.

Eye protection : In case of machining : dust production require the carrying of protective goggles.

Respiratory protection : If the ventilation is suitable, it is not essential to wear respiratory equipment
In case of machining and dust formation, use respirator with filter: P2.

SECTION 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Variable.
Odour	: odourless.
Odour threshold	: Not applicable
pH	: Not applicable
Melting point	: Not determined.
Boiling point	: Not applicable
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: Not determined.
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: 1,2
Solubility	: Water: Insoluble Organic solvent: Soluble in organic solvents
Log Pow	: No data available
Self ignition temperature	: Not determined.
Decomposition temperature	: Not determined.
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Not applicable.
Oxidising properties	: Non oxidizing material according to EC criteria.

9.2. Other information

No additional information available

SECTION 10 : Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

On exposure to high temperature, may decompose, releasing toxic gases.

10.4. Conditions to avoid

No flames. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases :

Carbon oxides (CO, CO₂)

Nitrogen oxides

Hydrogen cyanide.

SECTION 11 : Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (No data available)
Germ cell mutagenicity	: Not classified (No data available)
Carcinogenicity	: Not classified (No data available)

Reproductive toxicity : Not classified (No data available)
 Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met)
 Specific target organ toxicity (repeated exposure) : Not classified (No data available)
 Aspiration hazard : Not classified (Not applicable)

SECTION 12 : Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

serilor® SR & HR	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

serilor® SR & HR	
Bioaccumulative potential	No data available.

12.4. Mobility in soil

serilor® SR & HR	
Mobility in soil	No data available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13 : Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations. If the product is impregnated with inks or other chemicals, the disposal depends on the used substance. Contact us to obtain details on the recycling process.

SECTION 14 : Transport information

No dangerous good in sense of transport regulations.

SECTION 15 : Regulatory information

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

15.1.1. EU-Regulations

Other regulations, restrictions and prohibition regulations : Not applicable.

15.1.2. National regulations

Regional legislation : Not applicable.

15.2. Chemical safety assessment

Not established

SECTION 16 : Other information

Data sources : SDS of suppliers.
 Other information : This safety data sheet has been written in conformity with the annex II of the regulation (EC) 1907/2006 (REACH).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.