

Safety Data Sheet

According to REGULATION (EC) No 1907/2006 & 1272/2008 (CLP)

Vinamold®

Revision date: 2020-06-18

Page: 1/4

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1. Identification of the product:** **Vinamold®**
1.2. Use of the product: Reusable flexible mould compound
1.3. Company identification: **Extruflex**
25, rue Greffulhe
92300 Levallois-Perret
France
Tel: +33 (0)1 41 49 99 30
extruflex@extruflex.com
1.4. Emergency telephone: 112

2. HAZARDS IDENTIFICATION

Regulation (EC) No. 1272/2008 (CLP) :

Aquatic Acute 1, Aquatic Chronic 1, Lact.

Label elements Hazard statement(s) :

H362: May cause harm to breast-fed children.
H410: Very toxic to aquatic life with long lasting effects
Molten product can cause burns. Product burning or over heating can result in the release of toxic and corrosive decomposition gazes. (Refer to section 10.3. Hazardous decomposition products)

Signal word(s): WARNING

Hazard pictogram(s)



Precautionary statement(s)

P273: Avoid release to the environment.
P391: Collect spillage.
P501: Dispose of contents/container to: An approved hazardous waste facility.
P260: Do not breathe mist/vapours/spray.
P263: Avoid contact during pregnancy/while nursing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients classified as dangerous:

Dangerous ingredient	CAS#	EC#	Concentration	H -code	GHS Classification
Alkanes, C14-17, chloro	85535-85-9	287-477-0	< 25% w/w	H362, H400, H410, EUH066	Lact. , Aquatic Acute 1, Aquatic Chronic 1

Safety Data Sheet

According to REGULATION (EC) No 1907/2006 & 1272/2008 (CLP)



Vinamold®

Revision date: 2020-06-18

Page: 2/4

4. FIRST AID MEASURES

Inhalation:	Solid form:	Not applicable.
	Molten form:	Not applicable.
	Decomposition gazes:	Get medical attention immediately if required. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact:	Solid form:	Wash with soap and water.
	Molten form:	Get medical attention immediately if required. Do not attempt to remove the molten material from the affected area. Cool the area with cold running water for at least 15 minutes. Cover with a cold damp dressing.
	Decomposition gazes:	Get medical attention immediately if required. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye contact:	Solid form:	Not harmful.
	Molten form:	Get medical attention immediately if required. Do not attempt to remove the molten material from the affected area. Cool the area with cold running water for at least 15 minutes. Cover with a cold damp dressing.
	Decomposition gazes:	Get medical attention immediately if required. Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Ingestion:	Get medical attention immediately if patient shows signs of distress. Do not induce vomiting.	

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry powder, water mist, carbon dioxide or foam

Extinguishing media which shall not be used for safety reasons: High volume water jet

Special exposure hazards arising from combustion products and resulting gases:

Release of dense smoke

Release of toxic and corrosive gazes (Refer to section 10.3. Hazardous decomposition products)

Do not release contaminated water into drains, soil or surface water.

Sufficient measures must be taken to retain the water used for extinguishing.

Dispose of contaminated water according to local regulations.

Special protective equipment for fire-fighters:

Acid resistant protective clothing

Self contained breathing apparatus with a full face-piece operated in positive pressure mode

Note: If fire takes place in melting vessel:

First isolate electrical supply to unit.

Do not add water directly to molten compound.

Place fire blanket over the vessel.

Smother the vessel with carbon dioxide and cool with water mist or foam.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Solid form: Not applicable Molten form: Do not touch until the material has cool down.
Environmental precautions:	Do not release into drains, soil or surface water.
Methods for cleaning up:	Remove manually with adapted equipment. Refer to section 13. DISPOSAL CONSIDERATIONS.

7. HANDLING AND STORAGE

Safety Data Sheet

According to REGULATION (EC) No 1907/2006 & 1272/2008 (CLP)



Vinamold®

Revision date: 2020-06-18

Page: 3/4

- 7.1. Handling:** Melting and pouring should take place in area with adequate ventilation.
The melting cycle should be kept as short as possible.
Do not heat the material over 120°C more than 3 hours.
Do not heat the material over 170°C.
Do not touch hot material.
- 7.2. Storage:** The material should be stored at a temperature between 10°C and 40°C
Do not stock with solvents.
- 7.3. Specific use(s):** None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Exposure limit values:** None/Unknown
- 8.2. Exposure controls:**
- 8.2.1. Occupational exposure controls:**
- a) **Respiratory protection:** Wear adequate masks if ventilation is not adequate when handling molten material.
 - b) **Hand protection:** Wear adequate heat protection gloves when handling molten material.
Wear adequate protection gloves in case of repeated exposure.
 - c) **Eye protection:** Wear adequate safety glasses when handling molten material.
 - d) **Skin protection:** Wear adequate heat protection clothes when handling molten material.
- 8.2.2. Environmental exposure controls:** Refer to section 13. DISPOSAL CONSIDERATIONS.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. General information:**
- | | | |
|--------------------|------------------------------|--|
| Appearance: | Physical state: Solid | Colour: White, beige, yellow, red or blue |
| Odour: | Characteristic | |
- 9.2. Important health, safety and environmental information:**
- | | | | |
|------------------------------|----------------|-------------------------------|----------------------------|
| pH: | Not applicable | Relative density: | 1 to 1,2 g/cm ³ |
| Boiling point: | Not applicable | Solubility: | Soluble in solvents |
| Flash point: | Not determined | Water solubility: | Insoluble |
| Flammability: | Not determined | Partition coefficient: | Not determined |
| Explosive properties: | Not determined | Viscosity: | Not determined |
| Oxidising properties: | Not determined | Vapour density: | Not determined |
| Vapour pressure: | Not determined | Evaporation rate: | Not determined |
- 9.3. Other information:**
- | | | | |
|------------------------|--|-----------------------------------|----------------|
| Miscibility: | Not determined | Gas group: | Not applicable |
| Melting range: | 150 to 170°C | Auto-ignition temperature: | Not applicable |
| Fat solubility: | Soluble in solvents such as ketones, ethers... | | |

10. STABILITY AND REACTIVITY

- 10.1. Conditions to avoid:** Under normal conditions, the material is stable.
To avoid thermal decomposition:
Do not heat the material over 170°C or over 120°C more than 3 hours.
- 10.2. Materials to avoid:** Avoid contact with solvents (solubility)
- 10.3. Hazardous decomposition products:**
Hydrogen chloride (HCl) - React with water to form corrosive acids
Carbon Dioxide (CO₂)
Carbon Monoxide (CO)

11. TOXICOLOGICAL INFORMATION

Repeated exposure to Alkanes, C14-17, chloro may cause skin dryness or cracking.
Alkanes, C14-17, chloro may cause harm to breastfed babies.
(Alkanes, C14-17, chloro is an ingredient contained into the polymer matrix)
Other ingredients are not classified as dangerous (Directive 67/548/EEC)

12. ECOLOGICAL INFORMATION

- 12.1. Ecotoxicity:** Alkanes, C14-17, chloro is very toxic to aquatic organisms, it may cause long-term adverse effects in the aquatic environment.
(Alkanes, C14-17, chloro is an ingredient contained into the polymer matrix)
Other ingredients are not classified as ecotoxic.

Safety Data Sheet

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Vinamold®

Revision date: 2020-06-18

Page: 4/4

12.2. Mobility:	Not available
12.3. Persistence and degradability:	Polyvinylchloride (PVC) polymer is not biodegradable. Other ingredients are biodegradable or not.
12.4. Bioaccumulative potential:	Not available
12.5. Results of PBT assessment:	Product not classified as PBT (No ingredients classified as PBT) (PBT: Persistent, Bioaccumulative and Toxic)
12.6. Other adverse effects:	Not available (Classifications according to Directive 67/548/EEC)

13. DISPOSAL CONSIDERATIONS

Appropriate methods of disposal of the product and packaging:

Recycling in authorized facility (Recommended)

Incineration in authorized facility

Landfilling in authorized facility

Note: Local and national provisions must be applied.

14. TRANSPORT INFORMATION

IMDG (sea): Product not classified

ADR (road): Product not classified

RID (rail): Product not classified

ICAO/IATA (air): Product not classified

15. REGULATORY INFORMATION

National laws and measures must be applied.

16. OTHER INFORMATION

Sources:

ESIS: European chemical Substances Information System

Suppliers Safety Data Sheets

Regulation (EC) No 1907/2006 of the European parliament and of the council of 18 December 2006

Disclaimer:

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