1 SECTION 1: Identification of the substance/mixture and of the Manufacturer

1.1 product identification:

Product form: Mixture
Product Name: GF Medical Grade PVC compound
Product Type: PVC pellets (soft, rigid)

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

Use of the substance/mixture : Thermoplastic conversion

1.3 Details of the supplier of the safety data sheet

Address: **Block No.5 (12004) Industrial Zone. North Extension Obour City**
Tel :20 2466 52 196
:20 2466 52 197

- Email :**gmsm@uimp.com.eg**
m.sabry@silvermed.co
production.pvc@uimp.com.eg
quality.pvc@uimp.com.eg

2 Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified dangerous according to Regulation (EC) n° 1272/2008 (CLP)

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008
No labelling applicable
According to the GHS criteria Not required, not listed
According to the DSD/DPD Not required, not listed
criteria of Annex I of Directive 67/548/EEC

2.3 Other hazards

Adverse physicochemical, human health, and environmental effects
To our knowledge, this product does not present any particular risk, provided it is handled per good occupational hygiene and safety practices. Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with. Not classifie flammable according to EC criteria, but may present a risk in the event of a fire.

3 Section 3: Composition

3.1 Substances:

Not Applicable

3.2 Mixtures

Cas. NO.	Chemical Name	Percentage	Classification according to Regulation (EC) No. 1272/2008 [CLP]
9002-86-2	Polyvinyl chlorid	>80%	Not Assigned
6422-86-2	DOTP	>40%	Not Assigned

8013-07-8	ESBO	<5%	Not Assigned
///	CaZn	<5%	Not Assigned

4 SECTION 4: First aid measures

4.1 Description of First Aid Measures

If on skin : Contact skin will not cause damage
If in eyes : Harmless
If inhaled : Under normal conditions volatile components are not emitted
If ingested : Give plenty to drink. Get medical attention

4.2 The most important symptoms and effects, both acute and delayed

Symptoms : Absent

4.3 Indication of any immediate medical attention and special treatment needed

Acute exposure : Absent.
If necessary for medical treatment refer to medical professionals

5 SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : 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, CO2). Hydrogen chloride.

5.3 Advice for firefighters

1)Steam and flammable liquid, liquid will accumulate charge, steam in the air, will spread too far away, the event of fire may cause tempering.
2) High temperature will cause the decomposition of toxic gases, fire in the container will rupture, and explosion.
3) Fire officers must wear air-breathing apparatus, firefighting clothes, and protective gloves.

6 SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene. Take care while working with the hot material. Wear gloves.

6.1.2 For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Do not allow product to spread into the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up or vacuum up the product. Recycle or dispose of in compliance with current legislation.

Other information : Caution : this product can cause the floor to be slippery.

7 SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the workstation.Extraction to Remove dust at its source. Ground the equipment. Avoid the build-up of electrostatic charge.

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

Storage conditions : Keep the container tightly closed and dry. Keep away from heat

Incompatible materials : None to our knowledge.

Storage temperature: < 40 °C

Packaging materials : Recommended materials: Paper or polypropylene. Avoid: Ordinary steel

7.3 Specific end use(s)

No additional information is available

8 Section 8: Exposure controls/personal protection

8.1 Respiratory protection: Generally do not need special protection. if necessary, wear a breathing mask

8.2 Eye protection: Generally do not need special protection. if necessary, wear a chemical protective safety glasses

8.3. Body protection: Generally, do not need special protection

8.4 Hand protection: Generally, do not need special protection

8.5 Other protection: 1. In the workplace non-smoking or eating
2. To maintain clean workplace

9 SECTION 9: Physical and chemical properties

Physical state: Solid

Appearance: Pellet: 1-5 mm.

Colour: Variable.

Odour: No data available

Odor threshold: No data available

pH: Not applicable

Relative evaporation rate (butyl acetate=1) : No data available

Melting point: ~ 150 °C (Pasty)

Freezing point: No data available

Boiling point: No data available

Flash point: Not applicable

Auto-ignition temperature: 580 °C

Decomposition temperature : > 200 °C

Flammability (solid, gas) : No data available

Vapor pressure: No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 500 - 800 kg/m³ (20°C)

Solubility : Slightly soluble in Cyclohexanone. Dimethylsulfoxide. Tetrahydrofurane.Water: Insoluble

Log Pow :	No data available
Viscosity, kinematic :	Not applicable
Viscosity, dynamic :	No data available
Explosive properties :	No data available
Oxidising properties :	No data available
Explosive limits :	≥ 0,125 g/m³

10 Section 10: Stability and reactivity

10.1 Reactivity

Under normal conditions reactivity is not observed

10.2 Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3 Possibility of hazardous reactions

None to our knowledge

10.4 Conditions to avoid

Moisture. high temperatures, open flame, direct sunlight.

10.5 Incompatible materials

None to our knowledge.

10.6 Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases: Carbon oxides (CO, CO2). Hydrogen chloride. Various hydrocarbon fragments

11 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) pH: Not applicable
Serious eye damage/irritation	Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Respiratory or skin sensitisation	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)
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 (Based on available data, the classification criteria are not met)
Aspiration hazard	Not classified (Not applicable)

12 SECTION 12: Ecological information

12.1 General characteristic of the product:

Under normal conditions PVC compound is expected to represent no direct environmental hazard.

13 Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal	Product disposal shall occur only in compliance with current national/regional /local legislation requirements.
Disposal of containers	Refer to national / regional / local legislation in force on package disposal conditions.

14 SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1 UN number

Not regulated for transport

14.2 UN proper shipping name

Proper Shipping Name (ADR)	Not applicable
Proper Shipping Name (IMDG)	Not applicable
Proper Shipping Name (IATA)	Not applicable
Proper Shipping Name (ADN)	Not applicable
Proper Shipping Name (RID)	Not applicable

14.3 Transport hazard class(es)

ADR Transport hazard class(es)	Not applicable
IMDG Transport hazard class(es)	Not applicable
IATA Transport hazard class(es)	Not applicable
AND Transport hazard class(es)	Not applicable
RID Transport hazard class(es)	Not applicable

14.4 Packing group

ADR Packing group	Not applicable
IMDG Packing group	Not applicable
IATA Packing group	Not applicable
AND Packing group	Not applicable
RID Packing group	Not applicable

14.5 Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

14.6 Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport Carriage prohibited (RID) : No

15 Section 15: Regulatory information

Chemical safety assessment:

CAS

Chemical Safety Assessment of PVC compounds is in accordance with provisions of REACH Regulatic

The test results of SVHC are <0.1%(w/w) in the submitted sample.

16 Section 16: Other information:

Data sources : ECHA - European Chemical Agency. SDS of suppliers.

SDS EU (REACH Annex II) 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.