

HERMETICS Ltd

10, Pere Toshev St
Petrich, Bulgaria

SAFETY DATA SHEET

1.IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

· **1.1 Product identifier**

· Trade name: NOVAMELT B-29

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

· Product category PC1 Adhesives, sealants

· Application of the substance / the mixture : Hot melt sealant for sealing insulated glass units

· **1.3 Details of the supplier of the safety data sheet**

· Manufacturer/Supplier:

HERMETICS OOD

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2.HAZARDS IDENTIFICATION

· **2.1 Classification of the substance or mixture**

· Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

· **2.2 Label elements**

· Labeling according to Regulation (EC) No 1272/2008: Void

· Hazard pictograms: section 8.2

· Safety phrases S2: Keep out of the reach of children

S36/37/39: Wear suitable clothing, gloves and eye/face protection

· **2.3 Other hazards**

Contact with molten material will cause thermal burns

3.COMPOSITION/INFORMATION ON INGREDIENTS

· **3.1 Chemical characterisation:** Mixtures

· **Description:** Hot melt adhesive /sealant

· **Dangerous components:** Contains no ingredients classified as hazardous by OSHA.

4.FIRST AID MEASURES

- **4.1 Description of first aid measures**
- **General information**
 - No special measures required.
 - Only the molten, hot material has to be considered as dangerous.
 - Risk of burn with molten material.
 - Use product in ventilated areas.
- **After inhalation** :Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:**
 - After contact with the molten product, cool rapidly with cold water.
 - Do not attempt to remove the substance from skin since this can destroy the injured body tissue.
 - Seek medical treatment.
- **After eye contact:**
 - Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** :Do not induce vomiting; instantly call for medical help.
- **4.2 Most important symptoms and effects, both acute and delayed**
 - No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
 - No further relevant information available.

5.FIREFIGHTING MEASURES

- **5.1 Extinguishing media**
 - The product is not flammable. Use extinguishing media for surrounding materials
- **5.2 Special hazards arising from the substance or mixture:**
 - Fire can create CO and CO₂
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

6.ACCIDENTAL RELEASE MEASURES

- **6.1 Personal precautions, protective equipment and emergency procedures:**
 - Wear protective clothing (see section 8)
- **6.2 Environmental precautions:**
 - Do not throw product into the sewage system. Dispose product according to local regulations
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.

7.HANDLING AND STORAGE

- **7.1 Precautions for safe handling:**
 - Avoid skin and eye contact. Use gloves when handling broken packages.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and containers:** Store in a dry and cool area.
 - Avoid temperatures above 122° F.
- **Information about storage in one common storage facility:** Not required.
- **7.3 Specific end use(s):** See section 1.1

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any quantities of materials with critical values that have to be monitored at the workplace.
- **8.2 Exposure controls**
- **Personal protective equipment**



- **General protective and hygienic measures:** Avoid skin contact with the molten material.
- **Breathing equipment:** Not required.
- **Protection of hands:**
Heat protection gloves
The glove material has to be impermeable and resistant to the adhesive.
- **Material of gloves:** Heat protection gloves
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves.
- **Eye protection:** Safety glasses

9.PHYSICAL AND CHEMICAL PROPERTIES

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
Form: Solid mass
Colour: black
- **Odor :** slightly resinous when molten/odorless in room temperature
- **pH-value:** Not applicable.
- **Flash point:** > 392 °F
- **Inflammability (solid, gaseous) :**Not determined
- **Ignition temperature:** Not determined
- **Self-inflammability:** Product is not self igniting.
- **Danger of explosion:** Product is not explosive.
- **Vapor pressure:** Not applicable.
- **Density at 68 °F:** 0.041 ounce/inch³
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.
- **Evaporation rate:** Not applicable.
- **Water:** Insoluble
- **Viscosity:** Not applicable
- **Solvent content:** 0%
- **Solids content:** 100.0 %
- **9.2 Other information:** Novamelt B-29 is produced without the use of volatile organic compounds and hazardous air pollutants regulated by EPA.

10.STABILITY AND REACTIVITY

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known
- **10.4 Conditions to avoid:** Never heat the product above 410°F
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** CO and CO₂

11.TOXICOLOGICAL INFORMATION

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Primary irritant effect:** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12.ECOLOGICAL INFORMATION

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product or large quantities of it to reach ground water, or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

13.DISPOSAL CONSIDERATIONS

- **13.1 Waste treatment methods**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Incineration using incinerators suitable for the disposal of hazardous chemical wastes, is the preferred method for disposal.
- **European waste catalogue:** 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- **Used/not clean packagings:**
- **Recommendation:** Disposal must be made according to official local regulations.

14. TRANSPORT INFORMATION

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** : Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA**: Void
- **14.3 Transport hazard class(es)**
- **ADR, IMDG, IATA**
- **Class** Void
- **ADN/R Class:** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** : Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **UN "Model Regulation":** Void

15. REGULATORY INFORMATION

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Statutory Instruments
- The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
- EU Legislation
- Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
- **Other regulations, limitations and prohibitive regulations**
- **VOC (EU) in %:** 0.00 %
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

These data are based on our present stage of our knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is always the responsibility of the user to take all the necessary steps in order to respect local rules and regulations.

The data given here only applies when product used for proper application. The product is not sold as suitable for other applications ,as such may cause risks not mentioned in this sheet. Do not use for other application without seeking advice from manufacturer.