



interfloor

SAFETY DATA SHEET

Hot Melt Adhesive



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Section 1: Identification

Product Name: NJ25

Chemical Name/Synonyms: Hot Melt Adhesive

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Section 2: Hazard(s) Identification

2.1 Classification of the substance or mixture

Classification (EC1272/2008)

Physical hazards: Not Classified

Health hazards: Not Classified

Environmental hazards: Not Classified

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void.

2.3 Other hazards

During use, the product is applied at elevated temperatures, exposing the user to the possibility of severe burns unless suitable precautions are taken. Exposure to high levels of fumes at application temperature may cause irritation of the eyes and respiratory tract. Product may accumulate static charges. If adhesive is overheated, especially using a naked flame it will burn. Excessive fume indicates overheating.

Section 3: Composition/ Information on Ingredients

Mixtures

Description: Substance.

Hot melt adhesive containing thermoplastic polymers, tackifying resins, and antioxidant. Contains no hazardous ingredients or impurities above the relevant concentration levels detailed within section

3.2.1 of SDS regulation 2015/830.

Section 4: First-Aid Measures

4.1 Description of first aid measures

Note Personal protective equipment for first aid responders is recommended.

Inhalation: No inhalation hazard from cold product. Remove to fresh air if excess fume from hot product inhaled. Treat any irritation symptomatically. If necessary, seek medical attention.

Skin Contact: First aid not normally required for contact with product at ambient temperature. For contact with hot product, plunge affected part into cold water until adhesive thoroughly solid and pain eases. Do not attempt to remove adhesive. Seek medical attention. Adhesive may be softened with olive oil or liquid paraffin. When hot melt removed treat as normal burn.

Eye Contact: Cold pellets may cause abrasions. If hot product enters eye flush area with large quantity of clean cold water. Urgently seek medical assistance.

Ingestion: Rinse mouth thoroughly with plenty of water. Drink plenty of water. Do not induce vomiting. Get medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Direct contact with molten adhesive will lead to severe thermal burns. Adhesive should be cooled under cold running

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water. Do not attempt to remove the adhesive.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical powder, Carbon dioxide, Earth, Sand, Foam

Unsuitable extinguishing media: Water

5.2 Special hazards arising from the substance or media

Combustion Products: Carbon dioxide, Carbon monoxide, Acetic acid, Smoke, Low molecular weight hydrocarbons

5.3 Advice for firefighters

Water should not be used as burning product may float on water.

Self-contained breathing apparatus with a gastight suit should be used when close proximity to the substance or its vapours is likely.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear gloves and eye protection when handling molten or hot products.

6.2 Environment precautions

Spilled material will present a slippage hazard on hard surfaces.

If hot product is spilt, allow to cool and take up mechanically.

6.3 Methods and material for containment and cleaning up

If molten, allow to solidify, pick up mechanically.

6.4 Reference to other sections

Wear protective clothing as described in section 8 of this safety data sheet. For waste disposal, see section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling

No Special measures required

7.2 Conditions for safe storage, including incompatibilities

No Special measures required

7.3 Specific end use(s)

Intended for use only as industrial adhesive.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Nominal industrial hygiene measures should be sufficient. Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield. During processing adequate ventilation is required. The use of local exhaust ventilation is recommended to control fumes.

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment

Wear the following personal protective equipment:

Eye protection:	Safety glasses
Hand protection	Heat resistant gloves
Remarks:	Wash hands before breaks and at the end of workday.
Skin and body protection:	Skin should be washed after contact.
Respiratory protection:	No personal respiratory protective equipment normally required.

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Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Solid
Colour	Pale Amber
Odour	No significant odour
Odour threshold	N/A
pH-value (23°C)	N/A
Melting point/freezing point	> 75 °C
Initial boiling point and boiling range	Not determined
Flash point	>200°C
Evaporation rate	N/A
Flammability (solid, gas)	combustible but not flammable
Upper/lower flammability or explosive limits	N/A
Vapour pressure	N/A
Vapour density	N/A
Relative density (23°C)	N/A
Solubility in water	Insoluble
Solubility in oil	Not determined
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	>200°C
Decomposition temperature	N/A
Viscosity (23°C)	Solid
Explosive properties	N/A
Oxidising properties	N/A

9.2 Other information

Not applicable.

Section 10 Stability and reactivity

10.1 Reactivity

No specific reactivity hazards associated with this product. Adding water to molten product will cause foaming and spitting.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Not applicable.

10.4 Conditions to avoid

Storage below 5°C/40°F and above 30°C/85°F

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

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Section 11: Toxicological Information

11.1 Information on toxicological effects

Routes of exposure:

Ingestion: No
 Inhalation: No
 Contact: No

Acute toxicity	Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Based on the available data, the classification criteria are not met.
Serious eye damage/irritation	Based on the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Based on the available data, the classification criteria are not met.
Carcinogenicity	Based on the available data, the classification criteria are not met.
Reproductive toxicity	Based on the available data, the classification criteria are not met.
STOT-single exposure	Based on the available data, the classification criteria are not met.
STOT-repeated exposure	Based on the available data, the classification criteria are not met.
Aspiration hazard	Based on the available data, the classification criteria are not met.

Section 12: Ecological Information

12.1 Toxicity

Aquatic toxicity: No data for the mixture as a whole.

12.2 Persistence and degradability No data for the mixture as a whole.

12.3 Bioaccumulative potential No data for the mixture as a whole.

12.4 Mobility in soil No data for the mixture as a whole.

General notes: Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment Not classified as PBT/vPvB by current EU criteria.

12.6 Other adverse effects No data for the mixture as a whole

Section 13: Disposal Considerations

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Section 14: Transport Information

This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

ADR/RID class Not classified for transportation.

Transport Labels No transport warning sign require.

14.4 Packing group N/A

14.5 Environmental hazards N/A

14.6 Special precautions for user none

14.7 Transport in bulk N/A

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Section 15: Regulatory Information

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

Reg. (EC) n. 1272/2008 - CLP; N/A

Reg. (EC) n. 1907/2006 – Reach; N/A

Reg. (EC) n. 2015/830 annex II of REACH; Reg. (EC) n.; N/A

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

Whilst the company has taken every care in the preparation of these particulars, no liability is attached for any loss or damage arising from reliance upon information which has been prepared specifically for the purposes of the Control of Substance Hazardous to Health Regulations 2002. The details of composition of products are given entirely for the purposes of the Regulations and, as the composition may vary from time to time, are not given as warranty of specification of products of their use.

Data is given for guidance only and does not form part of any specification.

This material should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

SVHC (>0.1%) No

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