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

Product Identifier

Trade name: ANCHORMELT 612 HOTMELT ADHESIVE
Product Code: H602

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

Use of the substance/
mixture: For industrial use only

Details of the supplier of the safety data sheet

Company: Redwood UK Ltd
Address: 18 Arnside Road
Waterlooville
PO7 7UP
Email: sales@redwood-uk.com

Emergency telephone number

02392 233310 (0800-1600 Mon-Fri)

HAZARD IDENTIFICATION

This adhesive consists mainly of high polymers. Provided it is handled with care and as long as good standards of industrial and personal hygiene are practised, it should not present any undue hazard.

Classification according to Regulation 1272/2008/EC (CLP labelling) - This product is not a hazardous substance or preparation. This product does not have to be labelled according to GHS Criteria.

Classification according to Directive 67/548/EWG or 1999/45/EC - This product is not a hazardous substance or preparation.

The following health hazards have however been identified:

- 2.1 Inhalation: Fumes should not be inhaled. Use in well ventilated area.
- 2.2 Ingestion: This adhesive should not be ingested. If ingestion occurs seek medical advice.
- 2.3 Skin Contact: There is no hazard when cold. Molten adhesive must not be allowed to come into contact with the skin. Use gloves when loading hot melt into tanks.
- 2.4 Eye Contact: There is no hazard when cold. Molten adhesive can cause serious eye injury. Wearing of suitable eye protection is recommended when working with molten adhesives.

CHEMICAL CONSTITUENTS: Main Constituents: Mixture of Synthetic Polymers.

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FIRST AID MEASURES:

In summoning medical assistance, explain the nature of the product involved. Ensure that these notes are available for medical personnel.

4.1 Ingestion: In the unlikely event of this occurring seek medical attention.

4.2 Eye Contact: Cool with cold wet pad. Do not attempt to peel solidified or molten adhesive from the eye. Call ambulance and or take affected person to the nearest hospital with accident and emergency facilities as soon as possible.

4.3 Skin Contact: By molten adhesive: Place affected area in cold water until adhesive has cooled & solidified. Do not attempt to peel from skin. Depending on the degree of burning either take affected person to hospital as soon as possible or attempt to soften the cold adhesive with a hand cleanser. If this does not allow the adhesive to be removed without breaking the skin, leave the adhesive on the skin and repeat the exercise after 48 hours.

FIRE FIGHTING MEASURES:

This adhesive will burn if subjected to temperatures over 200°C or naked flame. Dry powder, foam or CO₂ to extinguish fire. Avoid spraying water on molten material to prevent splattering.

ACCIDENT RELEASE MEASURES

Spillages present little hazard, other than risk of slippage on pellets. Brush or pick up any pellets / prills and place in waste bin.

HANDLING AND STORAGE

This adhesive should be stored in sealed containers, preferably below 35°C.

Do not allow adhesive to become damp or wet, as even small amounts of water will boil and cause foaming and "spitting" if it enters the heated hot melt tank.

Use stock in rotation.

PERSONAL PROTECTION/EXPOSURE CONTROLS:

Follow protection advice given in section 2 above. No exposure control necessary.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance Solid Hot Melt Adhesive
Softening Point Ca. 88°C
Viscosity Ca. 25 Poise at 160°C and Ca. 17 Poise at 175°C
Flash Point Over 250°C

STABILITY AND REACTIVITY

This adhesive is stable and does not react with materials into which it would normally come into contact with in storage and use.

Storage conditions to avoid: Excessive heat

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TOXICOLOGICAL INFORMATION

Assuming appropriate use, no harmful effects have ensued.

ECOLOGICAL INFORMATION

- 12.1 This adhesive poses no ecological hazard in the solid state.
- 12.2 This product has no adverse Bio-accumulation potential.

DISPOSAL INFORMATION

Dispose in sealed containers with approved trade effluent disposal contractor. Do not discharge untreated adhesive into drains / surface / ground water systems.

TRANSPORT INFORMATION

This is not a transport regulated product.
Transport under conditions which prevent adhesive being exposed to temperatures in excess of 35°C.
In case of accident resulting in spillage, proceed as in section 6 above.

REGULATORY INFORMATION

CLP Hazard Labelling is not required.
Order relating to flammable liquid: N/A

OTHER INFORMATION

NOTE: This is the best information as we know it at the time of writing, and should not be used as part of a specification or approval process. Please note that in every case: End users should ensure that any of our products meets their requirements and test / evaluate accordingly for any applied process which is outside Sealock's control of use and practice. Please note any recommended shelf life as indicated on the product label from the date of manufacture. The suitability of the articles for the application concerned, including their effect on smell and taste of the food, and observance of any given limitations (for example overall migration, specific limits and other analytical requirements) must be tested and ensured in each case by the person who introduces the articles into circulation. We give no warranties, express or implied, concerning the suitability of this preparation for use in any medical device and pharmaceutical applications. The data indicated above are the results of our investigations and correspond to current available information. The data refer to the state of the laws at the date of issue. Please ask for a new confirmation if needed. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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Information given in this Data Sheet is based upon the work of ourselves and/or others. It is believed to be reliable but user should ensure product meets with his requirements before commercial use.

The Buyer must ensure that the product process and usage to which the adhesives are subjected remain constant and in accordance with advice given by the Seller. Variation in the materials used, time scale and storage and methods of usage of the goods and all operating processes may affect the performance of the goods. Buyers should ensure that any variation of whatsoever kind should be preceded by all necessary testing and evaluation to ensure that the adhesive still meets the needs of the customer.

It is the responsibility of the Buyer to ensure that the performance of the adhesives is continuously evaluated to ensure optimum performance under all foreseeable conditions and that end use testing of the finished product utilising the goods is constantly maintained