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

**1.1 Product Identifier**

Trade name: ANCHORMELT 525  
Product Code: 1326

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

Use of the substance/  
mixture: For industrial use only

**1.3 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](mailto:sales@redwood-uk.com)

**1.4 Emergency telephone number**

02392 233310 (0800-1600 Mon-Fri)

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**Section 2: Hazards Identification**

**2.1 Classification of the substance or mixture**

According to Regulation (EC) No 1272/2008 (CLP) Not classified.

**Futher Information**

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. If adhesive is overheated, especially using a naked flame, it will burn. Excessive fuming indicates overheating. Product may accumulate static charges.

**2.2 Label Elements**

According to Regulation EC No 1272/2008 (CLP):  
No Label elements according to Regulation (EC) No 1272/2008.

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**Section 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

No hazardous substance(s) required for disclosure. Product is a hot melt adhesive based on thermoplastic polymers.

**Section 4: First Aid Measures**

**4.1 Description of first aid measures**

<b>General information</b>	Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Take off contaminated clothing and shoes immediately.
<b>Inhalation</b>	If exposed to excessive levels of fume from hot product remove to fresh air and get medical attention. Cold product does not pose an inhalation hazard.
<b>Ingestion</b>	In the unlikely event of ingestion seek medical advice.
<b>Skin contact</b>	Contact with cold product does not present a hazard. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and seek medical advice for removal of adhering material and treatment of burn. Adhesive may be softened with olive oil or liquid paraffin. When hot melt removed treat as thermal burn.
<b>Eye contact</b>	If hot product enters eye flush area with large quantity of clean, cold water. Urgently seek medical assistance.

**Section 5: Firefighting measures**

**5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	Dry chemical powder Carbon dioxide Earth Sand Foam
<b>Unsuitable extinguishing</b>	Water should not be used as burning product may float on water.

**5.2 Special hazards arising from the substance or mixture**

<b>Specific hazards / Hazardous combustion</b>	Harmful vapours including smoke, fume, incomplete combustion products, oxides of carbon and flammable hydrocarbons.
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**5.3 Protective Equipment**

Self contained respiratory equipment should be worn.

**Further Information**

Contaminated extinguishing water must be disposed of in accordance with local or national

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**Section 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

**6.2 Environmental precautions**

**Environmental precautions**

Prevent material from entering watercourses or sewers. Advise authorities if material enters watercourses or sewers. Place in suitable container for disposal.

**6.3 Methods and material for containment and cleaning up**

**Methods for cleaning up:**

Clean up spilled material and place in suitable containers for reuse or disposal. If hot product is spilt allow to cool and take up mechanically.

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**Section 7 : Handling and storage**

**7.1 Precautions for safe handling**

No special requirements provided the product is used correctly.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a clean dry place at temperatures between 5°C and 30°C with containers kept closed. Use oldest stock first.

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**Section 8: exposure controls/personal protection**

**8.1 Control parameters**

This product has been dusted with talc to reduce issues of clumping. Talc is a source of respirable quartz silica. If there is a possibility that dust can be generated during processing we recommend that the total airborne dust needs to be maintained below 10µg/m<sup>3</sup> by good ventilation (>5 air exchanges per hour) or by local exhaust ventilation.

**8.2 Engineering controls**

Handle in accordance with good industrial hygiene and safety practice. 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.

# Safety Data Sheet

## ANCHORMELT 525



### Section 9: Physical and chemical properties

Form	Solid at ambient temperatures, liquid at application temperatures.
Colour	Natural.
Odour	Slight Resinous.
Odour Threshold	No applicable information available.
pH Value	No applicable information available, product is not readily soluble in water.
Softening Point	110°C (typical).
Boiling Point	No applicable information available. Based on composition expected to be >250°C.
Flash Point	No applicable information available. Based on composition expected to be >250°C.
Evaporation Rate	No applicable information available. Based on composition expected to be >250°C.
Flammability	Combustible but not flammable.
Explosion Limits	No applicable information available. Product is a non-volatile solid.
Vapour Pressure	No applicable information available. Product is a non-volatile solid at ambient temperatures.
Density	1.37 g/cm <sup>3</sup> @ 23°C.
Solubility in Water	No applicable information available. Based on composition expected to be negligible.
Autoignition Temperature	No applicable information available. Based on composition expected to be > 250°C.
Decomposition Temperature	No applicable information available. Based on composition expected to be > 250°C.
Viscosity	Solid at ambient temperatures, liquid at application temperatures.
Explosive Properties	Not explosive.

### 9.2 Other information

No data available

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**Section 10: Stability and reactivity**

**10.1 Reactivity**

Limited chemical reactivity. No hazardous reactions if stored and handled as prescribed/ indicated. Adding water to molten product will cause foaming and spitting.

**10.2 Chemical Stability**

Chemically stable. Prone to slow degradation when heated at application temperatures.

**10.3 Conditions to avoid**

Strong oxidising agents.

**10.4 Hazardous Decomposition Products**

Include carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

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**Section 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Non toxic after a single exposure.

**Irritation**

Mixture not considered to be irritating to skin and eyes.

**Respiratory/Skin Sensitisation**

Mixture not considered to be a sensitisiser.

**Germ Cell Mutagenicity**

Based on knowledge of the raw materials not expected to be a mutagenic.

**Carcinogenicity**

Based on information on raw materials not expected to have any carcinogenic effect.

**Reproductive Toxicity**

Based on information on raw materials not expected to have any toxic effect on reproduction.

**Specific Target Organ Toxicity (STOT) (single exposure)**

Based on information on raw materials no specific target organ toxicity to be expected.

**Specific Target Organ Toxicity (STOT) (repeated exposure)**

Based on information on raw materials no specific target organ toxicity to be expected.

**Aspiration Hazard**

Not applicable.

**12.1 Toxicity**

Based on a knowledge of the raw materials not expected to be toxic.

**12.2 Persistence and degradability**

Based on a knowledge of the raw materials not expected to biodegrade.

**12.3 Bioaccumulative potential**

Based on a knowledge of the raw materials not expected to bioaccumulate.

**12.4 Mobility in soil**

Based on a knowledge of the raw materials no adsorption is expected.

**12.5 Results of PBT and vPvB assessment**

Not assessed.

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**Section 13: Disposal considerations**

**13.1 Waste treatment methods**

Disposal recommendations are based on material as supplied.

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

Care should be taken to ensure compliance with EC, national and local regulations. In the UK the UK Environmental Protection (Duty of Care) Regulations and amendments should be noted.

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**Section 14: Transport information**

**Land**

Not regulated for road/rail transport.

**Inland Waterways**

Not regulated for inland waterways transport.

**Sea**

Not regulated for sea transport.

**Air**

Not regulated for air transport.

# Safety Data Sheet

## ANCHORMELT 525



### Section 15:Regulatory information

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

All applicable legislation listed in other parts of this safety data sheet.

**15.2 Chemical safety assessment**                      Not conducted.

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### Section 16: Other information

#### Full text of H-Statements

This safety data sheet has been prepared according to Regulation (EU) No 2015/830 (amending Regulation (EC) No 1907/2006)

References: Sources of information used in preparing this SDS include supplier safety data sheets, information from European Chemicals Agency (ECHA) and other sources as appropriate.

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.