



Sanyhot SZ-7541

Material Safety Data Sheet

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1. Identification of the substance and the company

1.1 Trade name	Sanyhot SZ-7541
Nº CAS	Mixture
1.2 Application	Hot melt adhesive for industrial use
1.3 Supplier	Sanyhot Adhesivos, S.A. Ctra. d'accés a Roda de Berà, km 0,7 43883 Roda de Berà (Tarragona) España Tel. + 34 977 13 80 40 Fax. + 34 977 80 26 26 info@sanyhot.com
1.4 Emergency phone numbe	+ 34 977 13 80 40

2. Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) Nº 1272/2008

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) Nº 1272/2008

2.3 Other hazards

Slipping hazards when produced in pellets

3. Composition / Information of ingredients

Component contributing to hazard: none

4. First aid measures**4.1 Description of first aid measures****Inhalation**

Move the affected person to fresh air and ask for medical aid.

Eye contact

For hot product: flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin contact

if molten material comes in contact with the skin, apply ice water or running stream of water and ask for medical aid. Do not try to remove the product from the skin. Ask for medical advise.

Ingestion

In case of accidental ingestion ask for medical advise. Don't induce vomiting unless directed to do so by medical personnel

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: vapors generated at increased temperatures may be irritating

Ingestion: may cause gastrointestinal blockage

Eye contact: the molten product can cause burns and vapors generated by increased temperatures may be irritating

Skin contact: the molten product can cause burns

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention immediately

5. Fire-fighting measures**5.1 Extinguishing media**

Suitable extinguishing media: Foam, fire-extinguishing powder, CO2.

Unsuitable extinguishing media: no data available.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Gases, smoke, CO2 y CO.

5.3 Advice for firefighters**Special fire fighting measures:**

Use water haze or water spray to cool fire-exposed surfaces (tank, drum, etc.)

Use foam or fire-extinguishing powder as suitable extinguishing agents.

The fire fighting personnel requires respiratory and eye protection.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Spilled material may cause a slipping hazard. Use appropriate safety equipment.

6.2 Environmental precautions:

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and materials for containment and cleaning up:

Contain spilled material if possible.

Land spill

Sweep up spilled material and place in suitable containers for recycle or disposal. In case of melt material let it cool down before removing.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water spill

Sweep up spilled and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

6.4 Reference to other sections:

Consult section 8 for more detailed information regarding personal protection and section 13 for waste treatment methods.

7. Handling and storage:**7.1 Precautions for safe handling:**

Use with adequate ventilation. No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling product. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, electrically bond and ground equipment and do not permit dust to accumulate. Dust can be ignited by static discharge. When appropriate, unique handling information for containers can be found on the product label. Workers should be protected from the possibility of contact with molten resin. Do not get molten material in eyes, on skin or clothing. Avoid breathing process fumes.

7.2 Conditions for safe storage, including any incompatibilities**Storage and transport temperature**

Room temperature, below 35°C.

Storing

- The product should be stored, under cover, in a clean well-ventilated area.
- Store and handle away from heat or ignition sources.
- The boxes should be closed when they are not used.
- Take precautions to avoid contaminations by other products or materials.

7.3 Specific en use (s): See technical data sheet on this product for further information.

8. Exposure controls/ personal protection**8.1 Control parameters**

Exposure limits are listed below, if they exist.

None established.

8.2 Exposure controls**Special precautions / protective equipment**

Eyes wash fountain and emergency showers are recommended.

Hand protection

Wear refractive gloves with working with the hot-melt.

Eye protection

Wear goggles or safety glasses with side shields when filling hopper or pot.

Skin protection

For molten material, use any type of rubber thermal insulating gloves and other clothing, such as sleeve protectors, as necessary to protect thermal burns when filling hopper or pot.

Respiratory protection

None required where adequate ventilation conditions exist.

9. Physical and chemical properties:**9.1 Information on basic physical properties**

Physical state	solid
Colour	colourless (transparent)
Odour at room temperature	very low at room temperature
Base	thermoplastic copolymer (styrene based)
Density at 23 °C	~1 g/cc
Viscosity (cps)	1900 (160°C)

10. Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Heat sources and flames.

10.5 Chemical incompatibility

Strong oxidizing agents.

10.6 Hazardous decomposition / combustion products

It could be formed CO in case of incomplet combustion.

11. Toxicological information**11.1 Information on toxicological effects****Toxicity**

This product consists of a blend obtained by fusion of thermoplastic products and if it is used in normal conditions, it does not present problems for the health.

It fulfils the code of Federal Regulations Nr 21 of the Food and Drug Administration (FDA), Section 175.105 "Adhesives".

12. Ecological information**12.1 Toxicity****Acute toxicity to fish**

Not expected to be acutely toxic

12.2 Persistence and degradability

Biodegradability: this water insoluble solid is expected to be inert in the environment. No appreciable biodegradation is expected.

12.3 Bioaccumulative potential

No data available

12.4 Movility in soil

In the terrestrial environment, material is expected to remain in the soil

12.5 Results of PBT and vPvB assessment

The product has not been assessed for persistence, bioaccumulation and toxicity

12.6 Other adverse effects

No relevant data found

13. Disposal considerations**13.1 Waste treatment**

Remove according to local authority recommendations, e.g. convey to a licensed incinerator.

European waste catalogue

08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS.

08 04 00 Wastes from MFSU of adhesives and sealants (including waterproofing products).

08 04 10 Waste adhesives and sealants other than mentioned in 08 04 09.

14. Transport information**14.1 UN number:** Not applicable.**14.2 Proper shipping name:** Not regulated for transport.**14.3 Class:** Not applicable.**14.4 Packing group:** Not applicable.**14.5 Environmental hazards:** Not applicable.**14.6 Special precaution for user:** No data available.**14.7 Transport in bulk according to Marpol and the IBC Code:** consult IMO regulations.**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation (EC) N°1907/2006

This product contains only components that have been either pre-registered, registered, are exempt from registration, are regarded as registered or are not subject to registration according to Regulation (EC) N° 1907/2006 (REACH). Polymers are exempted from registration under REACH.

Regulation (EC) N° 453/2010

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) N°1272/2008

15.2 Chemical Safety Assessment

Not applicable

16. Other information:

The information of this Material Safety Data Sheet is based on the present state of our knowledge and on current CEE and national laws. It provides guidance on health, safety and environmental aspects of the product and should not be considered as any guarantee of technical performance or suitability for particular applications. The information is exclusively referred to the specified material and therefore cannot be valid in case of combination with other materials.