

Material Safety Data Sheet (MSDS)

1 Identification of the substance/preparation and of the company/undertaking

.Trade name: HOT-Melt glue

2 Hazards identification

.NFPA ratings (scale 0 - 4)



Health = 0; Fire = 1; Reactivity = 0

.Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

.Classification according to GHS : Not classified as dangerous goods.

.Labelling according to Regulation (EC) No 1272/2008: Not applicable.

.Hazard pictograms: Not applicable.

.Signal word: Not applicable.

.Emergency Overview: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns

.Routes of Entry: FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation.

.Potential Acute Health Effects:

.Eyes: Slightly hazardous by the following route of exposure: of eye contact (irritant). Heated Polymer: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.

.Skin: No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

.Heated Polymer: skin contact can cause serious thermal burns.

.Inhalation: Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.

.Ingestion: No effects are expected for ingestion of small amounts. May be a choking hazard.



.Potential Chronic Health Effects:

.CARCINOGENIC EFFECTS: This material is not a known carcinogen. Classified NONE by NTP, NONE by OSHA, 3 (Not classifiable for humans) by IARC.

.MUTAGENIC EFFECTS: Not available.

.TERATOGENIC EFFECTS: Not available.

.Medical Conditions Aggravated by Overexposure: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.

.Overexposure/ Signs/ Symptoms: No information available.

2 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

Components Name	CAS Number	Weight Percent (%)
Ethylene-vinyl acetate copolymer	24937-78-8	54%
Petroleum resin	64742-16-1	34%
Paraffin waxes	64742-51-4	12%

4 First aid measures

.After inhalation: The material is not expected to present an inhalation hazard.

.After skin contact: Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal burns

.After eye contact: Immediately flush eyes with plenty of water for at few minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

.After swallowing: If symptoms persist consult doctor.

.Ingestion: No adverse health effects expected from ingestion.

.After first aid, get appropriate in-plant , paramedic, or community medical support.

5 Fire-fighting measures

.General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

.Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

.Auto ignition Temperature: Not Determined.

.Special fire & explosion hazards: Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear standard fire fighting attire.

.Exiting using media: Dry Chemical, Carbon Dioxide, and Foam.

.Unusual Fire or Explosion Hazards: None.

6 Accidental release measures

- .Small Spill and Leak:** Products on the floor could present a stumbling problem. Good housekeeping must be maintained at all times to avoid this hazard.
- .Large Spill and Leak:** Isolation accident area to prevent the leak products to be contaminated, then to recycling collection the leak products and repackage the not contaminated products.

7 Handling and storage

- .Handling:** Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA654.
- .Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8 Exposure controls/personal protection

- .Ventilation and Engineering controls:** No special ventilation and engineering controls are required, handling of these products need keep good ventilation.
- .Respiratory Protection:** No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulations.
- .Body Protection:** No special protective clothing is required.
- .Protective Gloves:** Unnecessary, when need choose rubber acid-resistant gloves or other insulated gloves.
- .Eye Protection:** Unnecessary, when necessary wear Chemical goggles or face shield.

9 Physical and chemical properties

.General Information	
Form:	Solid
Color:	White Translucent
Odor:	Odorless
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not applicable
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Product does not present an explosion hazard
.Density:	
.Relative density:	>1 (water=1)
.Vapor density:	Not available
.Evaporation rate	Not Applicable
.Solubility in/Miscibility with	
Water:	Insoluble
.PH-Value:	Not available

10 Stability and reactivity

- .Chemical Stability:** The product is stable.
- .Incompatibilities with Other Materials:** Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), and aromatic and chlorinated hydrocarbons.
- .Hazardous Decomposition Products:** The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.
- .Hazardous Polymerization:** Hazardous polymerization will not occur.

11 Toxicological information

- .Toxicity to Animals:**
 - LD50: Not available.
 - LC50: Not available.
- .Chronic Effects on Humans: CARCINOGENIC EFFECTS:** Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.
- .Other Toxic Effects on Humans:** None

12 Ecological information

- .Mobility and bioaccumulation potential:** No further relevant information available.
- .Ecotoxicological effects:** May cause long-term adverse effects in the environment.
- .Aquatic toxicity:** No further relevant information available.
- .Environmental Precautions:** It must be disposed of by incineration or in an authorized waste deposit.

13 Disposal considerations

- .Product:** Must be disposed of in accordance with applicable Federal, state and local regulations.
- .Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- .Uncleaned packaging:** Recommendation Disposal must be made according to official regulations.

14 Transport information

- .DOT Classification for Bulk Shipments (non bulk shipments may differ):** Not a DOT controlled material (United States).
- .DOT Proper Shipping Name:** Not applicable.
- .UN Number:** Not applicable.
- .Packing Group:** Not applicable.
- .Marine Pollutant:** Not available.
- .Hazardous Substance Reportable Quantity:** Not available.
- .Special Provisions for Transport:** Not applicable.
- .TDG Classification:** Not controlled under TDG (Canada).
- .ADR/RID Classification:** Not controlled under ADR (Europe)
- .IMO/IMDG Classification:** Not Controlled under IMDG.
- .ICAO/IATA Classification:** Not controlled under IATA.

15 Regulatory information

.HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

.TSCA inventory: All components are exempted.

.SARA 301/302/303: No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355, Emergency Planning And Notification(Appendix A to Part 355).

.International Regulations

.WHMIS: Not controlled under WHMIS

.DSCL: Not controlled under DSCL

.State Regulation: No products were found.

.California Prop.65: There are no Proposition 65 chemicals present in this products levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

.REACH Regulation List of Substances of very high concern (SVHC): None of the ingredients is listed.

16 Other information

The contents and format of this MSDS are in accordance with ISO Commission Directive ISO11014-2009.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

*****The End*****