

Date: 5/1/15

Safety Data Sheet

Section 1-Product Identification

Product Name: HiQ Thermal Transfer Tapes
Product Code(s): TT-XXXX-01, TT-XXXX-07 (various sizes)
Recommended Use: ID label for use in the dry cleaning and industrial laundry industries.
Manufacturer: Thermopatch Corporation
Address: 2204 Erie Blvd. East
P.O. Box 8007
Syracuse, NY 13217-8007
Emergency Telephone: 315-446-8110
Information Telephone: 315-446-8110

Section 2-Hazard(s) Identification

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200). However, heating of this material such as to cause softening or melting may generate small quantities of fumes containing unidentified compounds of hydrocarbon degradation (CO, CO₂, HCl, NO_x, organic acids and esters). Diphenylmethane diisocyanate (MDI) may be liberated in small quantities when the material is heated.

Section 3-Composition/Information On Ingredients

This product consists of a polyester/cotton blend base fabric that is coated on both sides with proprietary polyurethane-based coatings.

Section 4-First Aid Measures

Skin Contact-Wash with soapy water. Rinse thoroughly. Consult a physician for thermal burns or if irritation persists.

Eye Contact-Flush with large amounts of clean water for at least 15 min. Obtain medical attention without delay.

Ingestion-Seek medical advice.

Inhalation: Remove person to fresh air.

Section 5-Fire Fighting Measures

Fire Extinguishing media: Use water spray, foam, CO₂, or dry chemical
Special Fire Fighting Procedures: Firefighter should be equipped with a self-contained breathing apparatus. Combustion products may contain CO, CO₂, HCl, aromatic and aliphatic hydrocarbons

Section 6-Accidental Release Measures

Steps to be taken in case material is released or spilled: Waste product is considered non-hazardous. If molten material is spilled, allow it to harden prior to disposal.

Waste disposal method: Incineration or landfill. Contact state and local government.

Precautions to be taken when handling or storing: General precautions

Section 7-Handling and Storage

Handling and storage precautions: Normal and good housekeeping, industrial hygiene and personal hygiene practices should be adhered to. Unnecessary, excessive and/or prolonged personal contact with heated material should be avoided. Use only with adequate ventilation. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before re-use.

Section 8-Exposure Controls/Personal Protection

Respiratory Protection: None in ordinary handling. NIOSH approved chemical cartridge respirators are recommended when working with heated material in restricted ventilation areas. Diphenylmethane diisocyanate (MDI) could be liberated in small amounts when material is heated. ACGIH TLV for MDI is 0.005 ppm TWA.

Protective gloves: cotton

Eye Protection: Safety glasses are recommended for all industrial workplaces.

At temperatures above decomposition (482 °F, 250 °C), diphenylmethane diisocyanate (MDI) may be liberated. The following effects reflect the potential health hazards associated with overexposure to isocyanates:

Inhalation: Isocyanate vapors can irritate the mucous membranes in the respiratory tract causing runny nose, soar throat, coughing, chest discomfort and shortness of breath. These effects are usually reversible.

Skin Contact: Prolonged contact can cause reddening, swelling, rash, scaling or blistering.

Eye Contact: Isocyanate vapors are irritating and can cause tearing, reddening or swelling. If left untreated, corneal damage can occur. However, damage is usually reversible.

Ingestion: no effects known.

Carcinogenic Status: not listed by NTP, OSHA or IARC

Use heated material under well-ventilated conditions. Wear eye protection and cotton gloves. Wash thoroughly after handling.

Section 9-Physical and Chemical Properties

Appearance and Odor:	The labels consist of a textile with a proprietary finish and a proprietary adhesive. The labels have no particular odor.
Boiling Point:	N/A
Vapor Density:	N/A
Evaporation Rate:	N/A
Solubility in Water:	not soluble
Specific Gravity:	N/A
pH:	N/A
% Volatile Weight	Essentially non-volatile

Section 10-Stability and Reactivity

Stability:	Stable
Incompatibility (materials to avoid):	Excessive heat for long periods of time. Soluble in certain ketones and organic solvents.
Hazardous Polymerization:	Will not occur
Hazardous decomposition or byproducts:	Decomposition or combustion of this material may generate irritating vapors consisting of CO, CO ₂ , HCl, NO _x and hydrocarbons.

Section 11-Toxicological Information

Repeated or prolonged skin contact with heated material may cause irritation and/or burns. When heated, vapors or direct eye contact may cause irritation. Ingestion may cause irritation. When heated, over exposure to vapors may cause respiratory tract irritation, dizziness, headache, nausea or chronic pulmonary congestion.

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Ingestion: no effects known.

Carcinogenic Status: not listed by NTP, OSHA or IARC

Use heated material under well-ventilated conditions. Wear eye protection and cotton gloves. Wash thoroughly after handling.

Section 12-Ecological Information

Ecotoxicity: No data is available on the product itself. The product should not be allowed to enter drains or water course, or be deposited where it can effect ground or surface waters.

Section 13-Disposal Considerations

Waste disposal method: Incineration or landfill. Contact state and local government.

Section 14-Transportation Information

Not regulated.

Section 15-Regulatory Information

Not available.

Section 16-Other Information

This information is given in good faith but no warranty is made, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the materials or the results to be obtained from the use thereof. Compliance with all the applicable federal, state and local laws and regulations remains the responsibility of the user.