

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Digital Thermo Tape	Date	April 19, 2013
		Prepared	
		Date	July 27, 2015
		Revised	
		Rev. 1	
Company Name	NiGK Corporation		
Company Address	21-2 Matoba-shinmachi, Kawagoe, Saitama, 350-1107 JAPAN		
Issued Department	ENVIRONMENT SAFETY ADMINISTRATION DEPT.		
Emergency Phone Number	+81-49-231-2103	Fax Number	+81-49-232-1334
E-mail Address	kankyo-hoan@nichigi.co.jp		
Recommended Use and Restrictions on Use	Temperature indicating material		

This product is a molded article that does not take any other form than solid and will not be powdered or granulated under normal handling conditions. Therefore, it is not legally obligated to attach a safety label or SDS to this product. The hazard and toxicity information given below is the reference information concerning the chemical substances used as temperature indicating material of this product.

Hazardous substance will not leak out from this product under normal handling conditions. Never modify the shape of this product. If you do so, hazardous substance may be released or exposed.

2. HAZARD IDENTIFICATION

GHS Classification: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Single Product / Mixture Classification Mixture

Ingredients		Content (%)	Official reference number in Japan	CAS number
	Temperature-sensitive liquid crystal microcapsule	1 - 5	—	—
	Polyester film	40 - 60	—	—
	Acrylic pressure sensitive adhesive	40 - 60	—	—

Temperature-sensitive liquid crystal microcapsule, polyester film, and acrylic pressure sensitive adhesive are composed of known chemical substances which are not among the target substances subject to be notified under the Industrial Safety and Health Law nor among the target substances of the PRTR law. Their names are kept as trade secrets and will not be disclosed.

4. FIRST-AID MEASURES

Inhalation	Because this product is a label, inhalation hazard will not occur under normal handling conditions. If inhalation causes headaches, dizziness, or other discomfort, remove person to fresh air.
Skin Contact	No special measure is required. If skin irritation occurs, rinse the skin with cold or tepid water.
Eye Contact	Because this product is a label, it will not get into the eyes under normal handling conditions. If in eyes, rinse cautiously with clean water for at least 15 minutes and get treated by an ophthalmologist.
Ingestion	If swallowed, rinse mouth cautiously with clean water. If possible, induce vomiting and get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Extinguishing powder (ABC), carbon dioxide, drying sand, or fire extinguishing foam
Unsuitable Extinguishing Media	Not available
Extinguishing Method	Cut off the fire source and use extinguishing media from the windward.

6. ACCIDENTAL RELEASE MEASURES

Because this product is a label, it will cause no leakage hazard.

7. HANDLING AND STORAGE

Handling Precautions	Technological countermeasures: None in particular	Precautions: None in particular
Storage Precautions	Technological countermeasures: None in particular	
	Storage conditions: No particular hazards. To keep the quality, however, store this product in a cool and dark place away from heat and moisture.	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Standard Control Concentration	No applicable substance
Occupational Exposure Limit	No applicable substance
Equipment Countermeasures	None in particular under normal handling conditions
Protective Gear	None in particular under normal handling conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Label (black)
Odor	None
pH	Not available
Melting Point/Freezing Point	Not available
Boiling Point, Initial Boiling Point and Boiling Point	Not available
Range	
Flash Point	Not available
Explosion Limits	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Specific Gravity	Not available
Solubility	Slightly soluble in water and organic solvent.
Octanol/Water Partition Coefficient	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Stability	Flammable, but neither pyrophoric nor self-reactive
Possibility of Hazardous Reactions	None in particular
Conditions to Avoid	High temperature and high humidity
Incompatible Materials	Flammable or pyrophoric substances
Hazardous Decomposition Products	Not available

11. TOXICOLOGICAL INFORMATION

Not available

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose in accordance with the related laws and regulations.
Method of Consigning Waste Disposal	When disposing of the product, consign it to a licensed industrial waste disposal operator with this sheet disclosed.

14. TRANSPORT INFORMATION

UN Number	Not applicable
Proper Shipping Name	Not applicable
UN Class	Not applicable
Packing Group	Not applicable
Marine Pollutant	Not applicable
Precautions for Loading	Handle the package with care to prevent it from being wet or broken.
Other Precautions	Follow general precautions as well as the other handling and storage precautions described in this document.

15. REGULATORY INFORMATION

No applicable law articles

16. OTHER INFORMATION

Reference

- 1) GHS Classification Results Database (National Institute of Technology and Evaluation, Japan)
- 2) GHS Model MSDS Information (Japan Advanced Information Center of Safety and Health, Japan Industrial Safety & Health Association)
- 3) Guideline for Creating a Material Safety Data Sheet (Japan Chemical Industry Association)
- 4) ezCRIC (Japan Chemical Database Ltd.)

This document ("Safety Data Sheet") is not a safety warranty.

Before handling this product, the users must read this "Safety Data Sheet" as reference, and take measures appropriate for their specific situation on their own responsibility.

The information on this "Safety Data Sheet" may be updated any time based on revised laws and regulations and new findings.

Before use of this product, it is recommended to check on not only the hazard and toxicity information but also the latest rules, regulations, and laws of your organization, area, or country.

To the best of our knowledge the information contained herein is accurate. However, we assume no liability for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.