

**SAFETY DATA SHEET**

**SECTION 1 : IDENTIFICATION**

**Product Identifier :** Thermal interface Material

**Product Code(s) :** Series 704

**Supplier's Name and Address :** Nolato Jabar LLC  
PO Box 1249  
252 Brighton Road  
Andover, NJ, USA  
07821

**Manufacturer's Name and Address :** Refer to Supplier

**Information Telephone # :** (973) 786-5000

**24 Hr. Emergency Tel # :** (973) 786-5000

**SECTION 2 : HAZARDS IDENTIFICATION**

**Emergency Overview** NOT CLASSIFIED. READ ENTIRE SAFETY DATA SHEET.

**POTENTIAL HEALTH EFFECTS :**

HAZARD CLASS : None

HAZARD CATEGORY : None

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Component(s)	CAS #	Percentage
None	None	None

**SECTION 4 : FIRST AID MEASURES**

**First Aid : Eyes** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**First Aid : Skin** Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. Wash clothing before reuse.

**First Aid : Ingestion** DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If symptoms develop and persist, get medical attention.

**First Aid : Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

**SECTION 5 : FIRE FIGHTING MEASURES**

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as

**Unusual fire or explosion hazards:** In case of fire, keep containers cool with water spray.

**Hazardous combustion products:** Oxides of carbon. Oxides of silicon. Toxic and irritating vapors.

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Ensure adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection. Sweep up spilled material. Avoid creating dust. Keep in suitable and closed containers for disposal.

**SECTION 7 : HANDLING AND STORAGE**

**Handling:** Use only with adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection. Wash thoroughly after handling. Refer to Section 8.

**Storage:** Store in a cool, dry, well-ventilated area.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

**SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

**Respiratory protection:** Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

**Eye/face protection:** Safety goggles or safety glasses with side shields.

**Skin protection:** Chemical resistant, impermeable gloves.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Solid
Color:	White
Odor:	Slight
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Vapor density:	Not available.
Flash point:	Product is a solid.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	Not available.
Solubility in water:	Not available.
Partition coefficient (n-octanol/water):	Not available.
VOC content:	Not available.
Viscosity:	Not available.
Decomposition temperature:	Not available.

**SECTION 10 : STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Hazardous Reaction Potential</b>	Will not occur.
<b>Conditions to Avoid</b>	Excessive heat. Store away from incompatible materials.
<b>Materials to Avoid and Incompatibility</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Oxides of carbon. Oxides of nitrogen. Thermal decomposition can lead to release of irritating gases and vapors.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

<b>Relevant routes of exposure:</b>	Not available.
<b>Potential Health Effects/Symptoms</b>	
<b>Inhalation:</b>	Not expected under normal conditions of use.
<b>Skin contact:</b>	Not a hazard under normal conditions of use.
<b>Eye contact:</b>	None expected.
<b>Ingestion:</b>	Not expected under normal conditions of use.

Hazardous Component(s)	LD50s and LCS0s	Immediate and Delayed Health Effects	
None	None	None	
Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
None	None	None	None

**SECTION 12 : ECOLOGICAL INFORMATION**

<b>Ecological information:</b>	Not available.
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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Information provided is for unused product only.

<b>Recommended method of disposal:</b>	Follow all local, state, federal and provincial regulations for disposal.
<b>Hazardous waste number:</b>	Not a RCRA hazardous waste.

**SECTION 14 : TRANSPORT INFORMATION**

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

**U.S. Department of Transportation Ground (49 CFR)**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

**International Air Transportation (ICAO/IATA)**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

**Water Transportation (IMO/IMDG)**

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

**SECTION 15 : REGULATORY INFORMATION**

<b>US Federal Information :</b>	<b>TSCA:</b> This product is classified as an article and is not subject to TSCA.
<b>TSCA 12 (b) Export Notification:</b>	None above reporting de minimis
<b>CERCLA/SARA Section 302 EHS:</b>	Not available.
<b>CERCLA/SARA Section 311/312:</b>	None
<b>CERCLA/SARA Section 313:</b>	None above reporting de minimis.

Thermal Interface Material

Series 704

<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
<b>US State Right to Know Laws :</b>	California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.
<b>International Information :</b>	Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).
<b>WHMIS information :</b>	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

**SECTION 16 : OTHER INFORMATION**

ACGIH: American Conference of Governmental Industrial Hygienists  
CA: California  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
DOT: Department of Transportation  
EPA: Environmental Protection Agency  
HMIS: Hazardous Materials Identification System  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
Inh: Inhalation  
N/Ap: Not Applicable  
N/Av: Not Available  
NFPA: National Fire Protection Association  
NIOSH: National Institute of Occupational Safety and Health  
NTP: National Toxicology Program

**SDS Preparation Data (dd/mm/yyyy) : 06/05/2015**

OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
RCRA: Resource Conservation and Recovery Act  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TPQ: Threshold Planning Quantity  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System

**References :**

1. ACGIH, Threshold Limit Values and Biological Exposure Indices
2. International Agency for Research on Cancer Monographs, searched
3. Canadian Centre for Occupational Health and Safety, CInfoWeb databases, 2009 (Chempendium, HSDB and RTECS)
4. Safety Data Sheets from manufacturer
5. US EPA Title III List of Lists
6. California Proposition 65 List

**Prepared for :**

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**DISCLAIMER OF LIABILITY**

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Nolato Jabar LLC disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein.  
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