

Issue date: 05Sep2023

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Version: 3

1. Identification of the Substance/Preparation and of the Company/Undertaking

- (a) **Product name:**
Product identifier: NittoPhase™HL UnyLinker™ XXX Solid Support
- (b) **Other means of identification:**
Product Code: P545-00042
- (c) **Recommended Use:** Resin
- (d) **Supplier Address:** KINOVATE LIFE SCIENCES, INC.
501 Via Del Monte, Oceanside, CA 92058, U.S.A.
TEL.+1-760-435-7042 FAX.+1-760-435-7050

2. Hazards Identification

- (a) **GHS – Classification substance or mixture:** Not a hazardous substance or mixture
- (b) **GHS Label elements, including precautionary statements:** Not a hazardous substance or mixture
- (c) **Hazards not otherwise classified (HNOC) or not covered by GHS:** None

3. Composition/information on Ingredients

- (a) **Substance** No components need to be disclosed according to the applicable regulations

4. First aid measures

- (a) **General information:**
- If inhaled:** Remove to fresh air.
Give artificial respiration if victim is not breathing.
- Skin:** Immediately wash skin with soap and plenty of water.
Remove contaminated clothing.
If symptoms occur after washing, get medical attention.
- Eyes:** Flush eyes with plenty of water for at least 15 minutes.
If irritation develops, seek medical attention.
- Ingestion:** Wash mouth with water and seek medical attention.
- (b) **Most important symptoms/effects, acute and delayed:** No information available.
- (c) **Self-protection of the first aider:** No information available.

5. Fire-fighting measures

- (a) **Extinguishing media:** Carbon dioxide (CO2)
Extinguishing powder
Foam
- (b) **Not suitable extinguishing media:** No data available.
- (c) **Special exposure hazards in a fire:** No data available.
- (d) **Special protective equipment and precautions for firefighters:** In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

- (a) **Personal Precautions:** Avoid contact with eyes and skin.
- (b) **Protective equipment and emergency procedures:** Be sure to wear protectors during work to avoid its direct contact to the skin.
- (c) **Environmental precautions:** Dispose of the products as industrial waste.
- (d) **Methods and material for containment and cleaning up:** Shovel, vacuum or sweep up materials and place into suitable disposal container.

7. Handling and Storage

- (a) **Precautions for safe handling:** Use only with adequate ventilation and in closed systems.
- (b) **Storage Conditions:** Keep containers tightly closed in a dry, well-ventilated place.

8. Exposure Controls/Personal Protection

- (a) **Control parameters:** N/A
- (b) **Appropriate engineering controls:** Ensure adequate ventilation, especially in confined areas.
- (c) **Personal protective equipment [PPE]:**
- Respiratory Protection:** Wear respiratory protection, such as a dust mask or cartridge respirator.
 - Eye protection:** Safety goggles.
 - Hand Protection:** Wear protective nitrile rubber gloves.
 - Skin protection:** Wear protective nitrile rubber gloves.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties:

- (a) **Physical State:** Powder
- (b) **Paint:** White to light brown
- (c) **Odor:** Slight
- (d) **pH:** No data available.
- (e) **Melting point / Freezing point:** No data available.
- (f) **Boiling point / boiling range:** No data available.
- (g) **Flash Point:** No data available.
- (h) **Evaporation rate:** N/A
- (i) **Flammability (solid, gas):** No data available
- (j) **Upper/lower flammability or explosive limits:**
 - Upper:** No data available.
 - Lower:** No data available.
- (k) **Vapor pressure:** No data available.
- (l) **Vapor density:** No data available.
- (m) **Specific gravity:** No data available.
- (n) **Solubility:** Insoluble
- (o) **Partition coefficient:** No data available.
- (p) **Autoignition temperature:** No data available.
- (q) **Decomposition temperature:** No data available.
- (r) **Kinematic viscosity:** No data available.
- (s) **Molecular weight:** No data available.

9.2. Other information:

N/A

10. Stability and Reactivity

- (a) **Reactivity:** Polymerization or decomposition occur in contact with strong acid or strong alkali.
- (b) **Chemical stability:** Stable under normal conditions of use and storage.
- (c) **Possibility of hazardous reactions:** May react vigorously with strong acid, strong alkali, and oxidizing agent on contact, and generate toxic gas.
- (d) **Conditions to avoid:** Extremes of temperature and direct sunlight.
- (e) **Incompatible materials:** Strong acids
Strong oxidizing agents
Bases
Amines
- (f) **Hazardous decomposition products:** Organic gasses such as carbon monoxide and carbon dioxide.
Hydrogen chloride

11. Toxicological Information

- (a) **Information on likely routes of exposure:**
- Inhalation:** No information available.
 - Ingestion:** No information available.
 - Skin:** No information available.
 - Eyes:** No information available.
- (b) **Most important symptoms/effects, acute and delayed:** No information available.
- (c) **Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

Acute Toxicity: No information available.

(d) Numerical measures of toxicity (such as acute toxicity estimates): No information available.

(e) Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. Ecological Information

(a) Ecotoxicity: No information available.

(b) Persistence and degradability: No information available.

(c) Bioaccumulation: No information available.

(d) Other adverse effects: No information available.

13. Disposal Considerations

Waste treatment methods:

Disposal of wastes: Dispose of in accordance with federal, state, and local regulations. The Customer is responsible for the proper disposal of any waste generated as a result of the use of the Product or of the Product itself, and is responsible for complying with all applicable laws, rules and regulations relating to the management, storage, treatment, shipment and disposal of such waste or Product ("Waste Management Practices"). "Product" includes anything sold by Nitto Denko Corporation and/or any affiliates or subsidiaries ("Company") to Customer. The Company is not responsible for any of the Customer's Waste Management Practices. As part of those practices, Customer must separate packaging from Product before disposal. Further, Customer should review and comply with this SDS prior to any such disposal. Customer shall hold harmless the Company, its agents, contractors, successors and assigns from any and all liability, claims, loss, damage, death, or injury, including reasonable attorney's fees and costs, arising out of or relating to Customer's Waste Management Practices

Contaminated packaging: See Disposal of Wastes.

14. Transport Information

National regulations: Not regulated.

15. Regulatory information

US Federal Regulations: Not regulated.

US State Regulations:
California Proposition 65: Not regulated.

U.S. State Right-to-Know Regulations: Not regulated.

REACH 7 Article 33 Article SVHC notification (>0.1wt%): Not regulated.

16. Other information

NFPA	Health Hazards: 0	Flammability: 0	Instability: 0	Physical and Chemical Properties: 0
HMIS	Health Hazards: 0	Flammability: 0	Physical Hazards: 0	Personal protective equipment: X

Source Information: Raw material SDS; LOLI(Chem ADVISOR); GHS classification data

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End of Safety Data Sheet