

**PrimeSource****SL2SQHT**

Date: 20221130

The manufacturer of this product urges anyone using this product to study the following MSDS information carefully and to become aware of the properties associated with the product involved. Users should consider consulting reference sources or individuals that are trained in ventilation, material handling/storage and fire prevention prior its intended use.

1 IDENTIFICATION OF THE SUBSTANCE PREPARATION AND OF THE COMPANY UNDERTAKING

Product Name : SL2SQHT
Product Family : Hot melt adhesive HT Shingle Layment
CAS Number : Not applicable (mixture)
Manufacturer: Qingdao Hengrong New Materials Co., Ltd.
No. 28 Kongquehe 2nd road, Jimo District, Qingdao,
Shandong Province 266200,
P. R. China
Tel : +86 532 6776 9017 / Fax: +86 532 6776 9019

Trade Name: ShingleLayment-HT

2. HAZARDS IDENTIFICATION

The product is not considered as hazardous within the meaning of the valid (EU) preparation directive.

Skin Contact : Molten product adheres to the skin may cause burns.
Direct contact may cause eye irritation.
Eye Contact
Inhalation : Negligible hazard at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.
Ingestion : No evidence of harmful effects from available information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>Material</u>	<u>%</u>
Spunbonded PP nonwoven	Polypropylene	25
Coating layers	Polypropylene	9
Coating layers	Polyethylene	2
Fiber Glass	Fiber Glass	2.3
Self-adhesive layer	Hot melt glue	54
Release film	Mixture	7.7

4. FIRST-AIDS MEASURES

Skin Contact : Molten product. Immediately cool down the affected area by flushing with cold water to dissipate heat. Seek medical attention.
Eye Contact : If hot, immediately cool down the affected area by flushing with cold water to dissipate heat. Get medical attention promptly.
Inhalation : Move to fresh area. Get medical attention if irritation persists.
Ingestion : No harmful effect expected.

**** Read the Operating Precautions of TDS, and MSDS Carefully and Thoroughly Before Using the Product ****

5 FIRE FIGHTING MEASURES

<u>Extinguishing media</u> :	Water spray, foam, dry chemicals, and carbon dioxide.
<u>Unsuitable Extinguishing media</u> :	Water in a jet may disperse fire.
<u>Special protection equipments for firefighters</u> :	Use adequate personal protective equipments and self contained breathing apparatus.
<u>Unusual fire and explosion hazards</u> :	Not classified as flammable but will burn. Hazardous combustion products may include carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions</u> :	Wear appropriate personal protective equipments when responding to large clean-ups.
<u>Environmental precautions</u> :	No specific measures. Material should be recovered and placed in suitable container for recycle or disposal under local regulatory requirements.
<u>Clean-up methods</u> :	While spilled and leaked, allow to cool and solidify. Scrape up and collect in suitable containers for disposal.

7. HANDLING AND STORAGE

<u>Handling</u> :	Do not mix with other adhesives to prevent contamination. The material is applied hot. Appropriate personal protective clothing and eye protection are strongly recommended to prevent burns.
<u>Storage</u> :	Adequate ventilation is suggested to remove any vapors or fumes generated. Store the product in dry and clean conditions. Keep away from open flame, heat and spark.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Occupational Exposure</u> :	None established. In the absence of occupational exposure standards for this product, good ventilation and appropriate personal protective equipments are recommended.
<u>Engineering Control Measures</u> :	Use local exhaust ventilation.
<u>Respiratory Protection</u> :	Use appropriate breathing mask when local exhaust ventilation is not practicable.
<u>Hand Protection</u> :	Wear cloth or leather working gloves when handle the product in hot.
<u>Eye protection</u> :	Safety glasses with sides shields.
<u>Body protection</u> :	Standard issue work clothes which may include apron, safety shoes or boots as necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Pure substance or mixture</u> :	Mixture
<u>Physical form</u> :	Solid
<u>Odor</u> :	None
<u>Flash point</u> :	>220°C

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Specific gravity (water=1) : ~0.99 g/cm³
Solubility in water : Insoluble
Vapor pressure : Not applicable

10. STABILITY AND REACTIVITY

The product is stable and inert in the recommended storage and handling conditions (see Section 7.).

Conditions to avoided : Do not heat it over 200°C.
Incompatibility : None
Hazardous decomposition products : Hazardous vapors from heated products are not expected to be generated under normal processing temperatures and conditions. Although highly dependent on temperature and environmental conditions, a variety of thermal decomposition products may be present if the product is over heated, is smoldering or catches fire. Carbon monoxide and/or carbon dioxide, if combust.

11. TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential hazards to health. Toxicological information for this product has not been determined. Information given is based on knowledge of the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined for this product. The information given below is based on knowledge of the components and the ecotoxicology of similar products.

Persistence/ degradability : Polymer is not biodegradable.
Environmental risk : Not toxic to fishes or plants.

13. DISPOSAL CONSIDERATIONS

The product is not considered a hazardous waste as defined by the US Environmental Protection Agency (40CFR§ 261).

Waste disposal : Waste disposal should be in accordance with existing federal, state and local environmental regulations.
Container disposal : Remove all packaging for recycle or waste disposal.

14. TRANSPORT INFORMATION

This product is not classified as dangerous material for transport according to the following regulations.

US Department of Transportation Classification : Not subject to DOT regulations under 49 CFR Parts 171- 180.
International Air Transportation Association Classification : Not classified as hazardous under IATA regulations.
International Maritime Organization – IMDG : Not classified as hazardous under IMDG regulations.
UN, IMO, ADR/ RID, ICAO Code : Not dangerous for conveyance under these codes.

15. REGULATORY INFORMATION

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The regulatory information provided is not intended to be comprehensive. Other local, state, federal, international or country specific regulations may apply to this material.

EUROPE - EC Classification

Not classified as dangerous under EC criteria.

16. OTHER INFORMATION

DISCLAIMER

The information and data presented herein are, to the best of our knowledge, to be accurate for the materials and test conditions specified at this report. They are intended for use by persons having technical skills and at their own discretion and risk, no warranty or guarantee, expressed or implied, is made and no liability is assumed in connection with any use of such information and data. Nothing herein shall be construed as recommendation to infringe any existing patents or violate any applicable laws. We, therefore, urge and recommend proper and adequate tests to be done by the purchasers before using the product.

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