

# **MATERIAL SAFETY DATA SHEET**

## **QUICKLOCK HOTMELT CH 155**

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### **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Quicklock Hotmelt CH-155

**CHEMICAL NAME:** Hot Melt Adhesive

**CHEMICAL FAMILY:** - Ethylene Vinyl Acetate - CAS 24937-78-8

**PRODUCT DESCRIPTION:** Hot Melt Glue in Chicklet form for Perfect Book Binding Packed in HMHDPE Woven Sacks.

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### **SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

This product is not hazardous as defined in 29 CFR1910.1200

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### **SECTION 3 - HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS**

**EYE CONTACT:** Negligible hazard at ambient temperatures (-18 to +38 degrees C; 0 to 100 degrees F). Exposure to hot material may cause thermal burns.

**SKIN CONTACT:** Negligible hazard at ambient temperatures (-18 to +38 degrees C; 0 to 100 degrees F). Exposure to hot material may cause thermal burns and adhesion of the solidified product to the skin.

**INHALATION:** Negligible hazard at ambient temperatures (-18 to +38 degrees C; 0 to 100 degrees F). Vapors, which may be formed at elevated temperatures, may be irritating to eyes and respiratory tract.

**INGESTION:** Minimal toxicity.

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### **SECTION 4 - FIRST AID MEASURES**

In Solid Form – No effect, no measures required.

In Melting Form following measures should be taken: -

**EYE CONTACT:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

**SKIN CONTACT:** For hot products, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

**INHALATION:**

In case of adverse exposure to vapors formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

**INGESTION:**

First aid is normally not required.

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**SECTION 5 - FIRE-FIGHTING MATERIALS**

**FIRE FIGHTING:**

Use water sprays to cool fire-exposed surfaces, protect personnel, and extinguish the fire.

Respiratory and

eye protection required for fire fighting personnel.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:** No unusual.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 15 REGULATORY INFORMATION) notify the National Response Center. Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

**WATER SPILL:** Prevent additional discharge of material, if possible to do so without hazard. Advise authorities if floating material enters a watercourse or sewer. If possible, try to contain floating material. Skim from surface. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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**SECTION 7 - STORAGE AND HANDLING**

**STORAGE TEMPERATURE, °F:** 0 to 35 Deg. Celcius

**LOADING / UNLOADING TEMPERATURE, °F:** Ambient

**STORAGE / TRANSPORT PRESSURE, mmHg:**

**STORAGE AND HANDLING :** Keep container closed. Handle and open containers with care. Store in cool, well-ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.

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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE CONTROLS**

Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations.

**PERSONAL PROTECTION**

Where contact may occur with hot material, wear thermal resistant gloves, arm protection, and a face shield.

Where contact is likely with open systems at ambient temperatures (-18 to 38 degrees C, 0 to 100 degrees F), wear safety glasses with side shields.

**WORKPLACE EXPOSURE GUIDELINES**

**OSHA REGULATION 29CFR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE EXPOSURE LIMITS:**

5 mg/m<sup>3</sup> (respirable dust), and 15 mg/m<sup>3</sup> (total dust) based on the OSHA PEL for nuisance dust. The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity. Although the 1989 levels have since been vacated by the 11<sup>th</sup> Circuit Court of Appeals, Chemline India Ltd. recommends that the lower exposure levels be observed as reasonable worker protection.

**THE ACGIH RECOMMENDS THE FOLLOWING THRESHOLD LIMIT VALUES:**

A TWA of 10 mg/m<sup>3</sup> for inhalable particulate (total dust) and a TWA of 3 mg/m<sup>3</sup> for respirable particulate (total dust) for Particulates Not Otherwise Classified (PNOC).

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE**

**FORM:** Solid

**COLOUR:** Snow White

**ODOUR:** Odourless

**SPECIFIC GRAVITY:** 0.837 to 0.838

**VAPOR PRESSURE, mm Hg at °F:** 0.91 - .96

**SOLUBILITY IN WATER, wt. % at °F:** Insoluble

**VISCOSITY OF LIQUID, cSt at 150°C:** 11000 ± 1000 cps

**SP. GRAV. OF VAPOR, at 1 atm (Air=1):** Not Applicable

**FREEZING / MELTING POINT, °C:** 150 °C

**BOILING POINT, °F:** Not Applicable

**SELF-INFLAMMABILITY:** Not self-igniting

**DANGER OF EXPLOSION:** Not explosive

**SECTION 10 - STABILITY AND REACTIVITY**

**STABILITY:** Stable if used under required temperature conditions

**CONDITIONS TO AVOID INSTABILITY:** Do not heat more than 70°C.

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION:** None

**MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY:** None

**HAZARDOUS DECOMPOSITION, PRODUCTS:** None

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Please refer to Section 3 for available information on potential health effects.

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**SECTION 12 - ECOLOGICAL INFORMATION**

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

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**SECTION 14 - TRANSPORT INFORMATION**

As per Section 7: Storage and Transportation\_

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**SECTION 15 - REGULATORY INFORMATION**

**TSCA:** Ingredients of this product is listed on the TSCA Inventory at CAS Registry #: 24937-78-8 , Accession #88803

**CERCLA:** If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

**SARA TITLE III:**

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Non Hazardous.

This product does not contain Section 313 Reportable Ingredients.

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**SECTION 16 - OTHER INFORMATION**

**NOTES:**

- Solid product is not DOT regulated.
- This MSDS is applicable to the following products: Quiklock CH 155

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