# Material Safety Data Sheet

Henkel Technologies

**Revision Date:** 01/22/2007 **Issue date:** 01/22/2007

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** HYS. SPRAYPAC 7460 PS 25 LB PA
**Product type:** Industrial Hot Melt Adhesive
**Company address:**
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

**Item No. :** 83308 / IDH No. 420368
**Region:** United States
**Contact Information:**
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Non hazardous components**
Polyamide Based Hotmelt Adhesive

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**HMIS:**

| | | | |
|---|---|---|---|
| **Physical state:** | Solid | **HEALTH:** | 1 |
| **Color:** | Amber | **FLAMMABILITY:** | 0 |
| **Odor:** | None | **PHYSICAL HAZARD:** | 0 |
| | | **Personal Protection:** | See Section 8 |

**WARNING:** MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.

**Relevant routes of exposure:** Molten adhesive, Skin, Eyes, Solid adhesive has no hazards

**Potential Health Effects**

**Inhalation:** Continuous breathing of vapors above molten adhesive may irritate mucous membranes. Dusts from solid adhesive may cause irritation.
**Skin contact:** Molten adhesive may cause severe burns. Solid adhesive has no hazards
**Eye contact:** Molten adhesive in eyes will cause severe and permanant damage Can cause mechanical irritation if dusts are generated.
**Ingestion:** Not expected to be harmful by ingestion.

**Existing conditions aggravated by exposure:** None known

**See Section 11 for additional toxicological information.**

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Skin contact:** Thermal burn hazard from molten adhesive Cool melted product on skin with plenty of water. Do not remove solidified product. Cover affected areas with clean sheeting or gauze and seek immedate medical attention No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn

**Eye contact:** If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.

**Ingestion:** Ingestion of solid adhesive is not expected to be hazardous. Get medical attention if symptoms develop and persist.

## 5. FIRE-FIGHTING MEASURES

**Flash point:** Greater than 232ºC (450ºF)

**Autoignition temperature:** Not applicable

**Flammable/Explosive limits-lower %:** Not applicable

**Flammable/Explosive limits-upper %:** Not applicable

**Extinguishing media:** Use extinguishing meaures appropriate to local circumstances and the surrounding environment. Water spray (fog), foam, dry chemical or carbon dioxide.

**Special fire fighting procedures:** None

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon. Acrid smoke and fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** No special environmental precautions required. Do not allow material to contaminate ground water system.

**Clean-up methods:** Health injuries are not known or expected under normal use Sweep up spilled material. Avoid creating dust.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with molten material. Always be careful around molten material. Do not place wet or damp solid into melt tank. Follow suggested application temperature. Do not wear contact lenses.

**Storage:** Do not store above 38°C (100°F).

**Incompatible products:** No special restrictions on storage with other products.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Ventilation hoods and fans required when working with organic solvents or in hot melt applications. Heat only in areas with appropriate exhaust ventilation.

**Respiratory protection:** Respirator with combination filter for vapour/particulate. In case of insufficient ventilation wear suitable respiratory equipment.

**Skin protection:** Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

**Eye/face protection:** Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses when handling this product.

**See Section 2 for exposure limits.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Physical state:** | Solid |
| **Color:** | Amber |
| **Odor:** | None |
| **Vapor pressure:** | Not applicable |
| **pH:** | Not applicable |
| **Boiling point/range:** | Not available |
| **Melting point/range:** | 137.7°C (280°F) |
| **Specific gravity:** | 0.99 |
| **Vapor density:** | Not available |
| **Evaporation rate:** | Not applicable |
| **Solubility in water:** | Insoluble. |
| **Partition coefficient (n-octanol/water):** | Not available |
| **VOC content:** | Essentially Zero |

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition products:** None under normal use.

**Incompatability:** Avoid heating above 400 Degrees F

**Conditions to avoid:** Prolonged heating at temperatures above 200 °C.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogen Status**

**Literature Referenced Target Organ & Other Health Effects**

## 12. ECOLOGICAL INFORMATION

**Ecological information:** No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Dispose of in accordance with Federal, State and local regulations.

**EPA hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

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

| | |
|---|---|
| **Proper shipping name:** | Not regulated |
| **Hazard class or division:** | None |
| **Identification number:** | None |
| **Packing group:** | None |

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

| | |
|---|---|
| **Proper shipping name:** | Not regulated |
| **Hazard class or division:** | None |
| **Identification number:** | None |
| **Packing group:** | None |

**WaterTransportation (IMO/IMDG):**

| | |
|---|---|
| **Proper shipping name:** | Not regulated |
| **Hazard class or division:** | None |
| **Identification number:** | None |
| **Packing group:** | None |
| ***Exceptions:*** | None |
| **Marine pollutant:** | None known |

## 15. REGULATORY INFORMATION

**United States Regulatory Information**

| | |
|---|---|
| **TSCA 8 (b) Inventory Status:** | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. |
| **TSCA 12 (b) Export Notification:** | None. |
| **CERCLA/SARA Section 302 EHS:** | None. |
| **CERCLA/SARA Section 311/312:** | Immediate Health Hazard |
| **CERCLA/SARA 313:** | None. |
| **California Proposition 65:** | No California Proposition 65 listed chemicals are known to be present. |

**Canada Regulatory Information**

| | |
|---|---|
| **CEPA DSL/NDSL Status:** | All components are listed on or are exempt from listing on the Domestic Substances List. |
| **WHMIS hazard class:** | D.2.B |

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

**Prepared by:** Lou Fabrizio, Senior Health & Regulatory Affairs Specialist

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