

## ST74

### MATERIAL SAFETY DATA SHEET HOT MELT ADHESIVES

Prepared Date: January 1, 2010

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#### SECTION I

MANUFACTURED BY: Western American, Inc  
1518 Taney Street  
North Kansas City, MO 64116

TELEPHONE: 816-421-3000  
CONTACT: Rick Hennig

PRODUCT CLASS: Hot Melt Adhesive  
MANUFACTURER'S CODES: **ST74**

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#### SECTION II - HAZARDOUS INGREDIENTS

Paraffin Wax Fume CAS# 8002-74-2 NIOSH REL: TWA 2mg/m3  
ACGIH TLV: 2mg/m3 (TWA)

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#### SECTION III - PHYSICAL DATA

BOILING POINT - N/A SPECIFIC GRAVITY - 0.92  
VAPOR PRESSURE - N/A MELTING POINT - 160 - 230  
VAPOR DENSITY - N/A EVAPORATION RATE - N/A  
SOLUBILITY IN WATER - INSOLUBLE  
APPEARANCE AND ODOR - AMBER STICKS

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#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY - NON FLAMMABLE FLASH POINT - 450F  
EXTINGUISHING MEDIA - CO<sub>2</sub>

SPECIAL FIRE FIGHTING PROCEDURES - NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE

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#### SECTION V - HEALTH HAZARD DATA

MAIN ROUTE OF ENTRY - INHALATION, PROVIDE ADEQUATE VENTILATION  
TARGET ORGANS - NONE  
HEALTH HAZARDS (ACUTE AND CHRONIC) - NONE  
CONTACT WITH MOLTEN MATERIAL WILL CAUSE THERMAL BURNS TO SKIN AND EYES

#### FIRST AID:

**COOL AFFECTED AREA IMMEDIATELY, OBTAIN MEDICAL ASSISTANCE, DO NOT ATTEMPT TO REMOVE COOLED ADHESIVE FROM SKIN, AS IT WILL SEVERELY DAMAGE SKIN**

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### SECTION VI - REACTIVITY DATA

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STABILITY - STABLE

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS - CARBON MONOXIDE

CONDITIONS TO AVOID - TEMPERATURES OVER 400F MAY CAUSE RESIN  
DEGRADATION

HAZARDOUS POLYMERIZATION - CANNOT OCCUR

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### SECTION VII - SPILL OR LEAK PROCEDURES

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SPILL - SWEEP UP MATERIAL TO PREVENT SLIPPING, ALLOW MOLTEN SPILLS TO COOL  
BEFORE SCRAPING UP AND DISPOSING.

WASTE DISPOSAL METHOD - IN ACCORDANCE WITH LOCAL  
REGULATIONS

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### SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

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VENTILATION - YES, PROVIDE ADEQUATE VENTILATION, DO NOT USE IN CONFINED  
SPACES

PROTECTIVE GLOVES - YES

EYE PROTECTION - YES

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### SECTION IX - PRECAUTIONS OR OTHER COMMENTS

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STORAGE AND HANDLING - STORE IN COOL DRY PLACE, OPTIMUM  
TEMPERATURE 70 F.

PICK UP MATERIAL IMMEDIATELY TO ELIMINATE SLIPPING HAZARDS.