



An Ellsworth Adhesives Company
W186 N11687 Morse Drive, Germantown WI 53022

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SAFETY DATA SHEET

Revision Date: July 2014

DATE OF PREPARATION:

June 3, 2016

INFORMATION TELEPHONE NUMBER: 262-437-7915

EMERGENCY TELEPHONE NUMBERS: 262-437-7915

CHEMTREC 24 HOURS: 800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: EM-900
Chemical Name: Ethylene Vinyl Acetate Hot Melt
Product Use: Adhesion to plastic, wood, Styrofoam, paper, fabric, and ribbons.

SECTION 2 - HAZARDOUS IDENTIFICATION

APPEARANCE: Clear Sticks
PRODUCT CLASS: Hot Melt Adhesive
ROUTES OF ENTRY: Eyes, Skin, Ingestion, and Inhalation

POTENTIAL HEALTH EFFECTS:

Eyes: Flush eyes gently with water
Skin: Wash with soap and water
Ingestion: Seek Medical Attention
Inhalation: Move individual to fresh air, seek medical attention

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

As defined in 29 CFR §1910.1200: NONE

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

No Reportable Hazardous Substance(s) or Complex Substance(s)

Note: The product may contain varying levels of additives such as slip and anti-blocking agents, antioxidants and stabilizers.

SECTION 4 – FIRST AID MEASURES

EYES: Immediately flush the eyeball and the inner surface of the eyelid with plenty of water. Do not attempt to remove the hot melt.

SKIN: In case of contact, immediately immerse or flush skin with large amounts of cold water to dissipate heat. Do not attempt to remove the material from skin or to remove contaminated clothing as the damaged flesh can be easily torn. Obtain medical attention promptly.

INGESTION: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as a directed by medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air and get medical attention for symptoms of breathing problems.



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SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: Above 450°F

NFPA Hazard ID	HEALTH: 1	FLAMMABILITY: 1	REACTIVITY: 0
HMIS Hazard ID	HEALTH: 1	FLAMMABILITY: 1	REACTIVITY: 0

EXTINGUISHING MEDIA: Use foam, dry chemical or carbon dioxide. Do not use water.

SPECIAL FIRE FIGHTING PROCEDURES: Fire Fighters should wear NIOSH/MSHA approved positive pressure self-contained respiratory equipment. Do not use water on molten material to avoid splattering and spreading of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: If burned carbon monoxide, carbon dioxide and other unknown products may be produced. Incomplete combustion can yield low molecular weight hydrocarbons.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

MOLTEN ADHESIVE SPILL: Allow solidifying at room temperature, scraping up and placing in disposal container.

DISPOSAL: Consult 40 CFR 261 for RCRA hazardous waste definitions. Do not dump into sewers, on the ground or into any body of water. Consult local sewer authority before discharging into the sewer.

All federal, state, and local regulations regarding health and pollution should be followed when disposing of contaminated water or recovered material.

SECTION 7 - HANDLING AND STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Avoid breathing vapors/fumes. Use only with adequate ventilation. Avoid contact with product.

STORAGE AND HANDLING PRACTICES: Store in a cool, dry place. Keep container covered when not in use to prevent moisture from collecting in the container.

EMPTY CONTAINER PRECAUTIONS: Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty containers without proper cleaning.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Adequate ventilation should always be provided. No special precautions are necessary if air is maintained in work areas below the limits established for chemicals

RESPIRATORY PROTECTION: Respirator with combination filter for vapor/particulate. In case of insufficient ventilation wear suitable respiratory equipment.

EYE PROTECTION: Safety glasses. Safety goggles when splash potential exists.

SKIN PROTECTION: Insulated Gloves are highly recommended when working with molten adhesive.



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HYGIENE PRACTICES: Wash thoroughly after handling, especially before eating, drinking, smoking, or using the restroom facilities.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear
ODOR: Slight
SOFTENING POINT: 176°F
VISCOSITY: 4,075 cps @375°F

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY (MATERIAL TO AVOID): None Known
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: No Data
POSSIBILITY OF HAZARDOUS REACTIONS: Product will not undergo hazardous polymerization
CONDITIONS TO AVOID: None known

SECTION 11 – TOXICOLOGY INFORMATION

TOXICOLOGY INFORMATION: No Data Available

HAZARDOUS COMPONENTS

NTP CARCINOGEN: None
IARC CARGINOGEN: None
OSHA CARCINOGEN: None

SECTION 12 – ECOLOGICAL INFORMATION

PERSISTENCE/DEGRADABILITY: Material expected to be persistent.

ENVIRONMENTAL STABILITY: Not expected to be harmful to environment. Commonly available data on material indicates that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Follow all local, state, federal and provincial regulations for disposal

SECTION 14 – TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Proper Shipping: EM-900
Hazards Class: None
ID Number: None
Packaging Group: None
Label Statement: None



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WATER TRANSPORTATION

Proper Shipping: EM-900
Hazards Class: None
ID Number: None
Packaging Group: None
Label Statement: None

AIR TRANSPORTATION

Proper Shipping: EM-900
Hazards Class: None
ID Number: None
Packaging Group: None
Label Statement: None

SECTION 15 – REGULATORY INFORMATION
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U.S. FEDERAL REGULATIONS

TSCA (Toxic Substance Control Act): All components of this product are included in the EPA Toxic Substance Control Act Chemical Substance Inventory.

CERCLA (Comprehensive response compensation, and liability act): None Known

SARA TITLE III (Superfund amendments and reauthorization act):

311/312 Hazard Categories: None Known

313 Reportable ingredients: None Known

Clean Air – Ozone Depleting Chemicals: According to 40 CFR Part 82, Protection of Stratospheric Ozone; Labeling, this product(s), to the best of our belief, is neither “manufactured with” or “contains” any substances as designated as a Class I or Class II Ozone Depleting Chemical

STATE REGULATIONS: None Known

INTERNATIONAL REGULATIONS: None Known

SECTION 16 – OTHER INFORMATION

USER RESPONSIBILITY: Lab and machine trials should be conducted, along with aging tests, prior to commercial runs. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist. Users of this (these) products(s) should satisfy themselves that the conditions and methods of use assure that the product(s) is used safely. Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control. The user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

Nothing is intended as a recommendation for use, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe-handling procedures should be provided to handlers and users.

PREPARED BY: R Moran



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HOT MELT ADHESIVES

CAUTION

USE EXTREME CARE WHILE WORKING WITH HOT MELTS IN THEIR HOT, FLUID STATE. SEVERE BURNS CAN RESULT IF SKIN CONTACT OCCURS. FOR BURN INVOLVEMENT, IMMEDIATELY IMMERSE THE CONTACT AREA IN COLD, CLEAN WATER IMMEDIATELY. DO NOT ATTEMPT TO REMOVE THE SET HOT MELT FROM THE SKIN. COVER THE CONTACT AREA WITH A CLEAN, WET COMPRESS AND CONSULT A PHYSICIAN IMMEDIATELY.

THE CHEMICAL CONSTITUENTS OF THIS PRODUCT ARE NOT VOLATILE AT ROOM TEMPERATURE, BUT FUMES ARE EMITTED EVEN WHEN THE PRESCRIBED WORKING TEMPERATURE IS STRICTLY MAINTAINED. SOMETIMES UNPLEASANT ODORS ARE GIVEN OFF DURING THE MELTING OPERATION. IF THE PRESCRIBED WORKING TEMPERATURE IS CONSIDERABLY EXCEEDED FOR A PROLONGED PERIOD, THERE IS A RISK OF HARMFUL DEGRADATION PRODUCTS BEING PRODUCED. THEREFORE, AT THE APPLICATION TEMPERATURE, WE ENCOURAGE THE USE OF A LOCAL EXHAUST VENTILATION SYSTEM OVER THE PRE-MELT RESERVOIR.

FOR FURTHER INFORMATION ON THIS PRODUCT, CONSULT THE MATERIAL SAFETY DATA SHEET.