



SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name:	Company Name: Marco Industries
Product Type: Glued Closure	Contact Information: 9410 E 54 th St Tulsa, OK 74145
EMERGENCY CONTACT: Safety Advisor or 911	Ph. 918-622-4535
CHEMTREC: 1-800-424-9300	Fax 918-622-4536
DATE: 9-8-10	

SECTION 2: COMPOSITION/INGREDIENT INFORMATION

COMPONENTS	%	ACGIH TLV	OSHA PEL	OTHER
Polyethylene				
Ethylene Vinyl Acetate Copolymer				
Pigments				
Distillates (petroleum), Hydro-treated				
Heavy Naphthenic				
TOTAL	100			

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Foam Adhesive

BOILING POINT	n/a	n/a	SPECIFIC GRAVITY (H2O=1)	n/a	0.98
VAPOR PRESSURE (mm Hg and Temp.)	n/a	n/a	MELTING POINT	107°C	85-95°C
VAPOR DENSITY (Air=1)	n/a	n/a	EVAPORATION RATE (Butyl Acetate=1)	n/a	n/a
SOLUBILITY IN WATER	n/a	Insoluble	WATER REACTIVE	n/a	n/a
FLASH POINT	>300°C	190°C	DENSITY	0.015 g/cm ³ to 0.070 g/cm ³	

APPEARANCE & ODOR: Foam may appear white or colored, with no odor. Adhesive may appear light yellow in color, with a slight odor, when molten may cause severe burns

SECTION 4: FIRE & EXPLOSION HAZARD DATA

FLASH POINT METHOD USED	n/a
AUTO-IGNITION TEMPERATURE	n/a



FLAMABILITY LIMITS IN AIR, % BY VOLUME	
LEL	n/a
UEL	n/a

EXTINGUISHER MEDIA	Water spray recommended, other extinguishing agents may be used. Decomposition products may include acrolein and other aldehydes
SPECIAL FIRE FIGHTING PROCEDURES	Self contained breathing apparatus
UNUSUAL FIRE and EXPLOSION HAZARDS	None

SECTION 5: REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: Contact with sources of ignition
--	--

INCOMPATIBILITY	Oxidizing acids
HAZARDOUS DECOMPOSITION PRODUCTS	May include acrolein and other aldehydes
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS: n/a

SECTION 6: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> NOT HAZARDOUS	CARCINOGEN LISTED IN: <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NOT LISTED
--	--

HEALTH HAZARDS	ACUTE: n/a
	CHRONIC: n/a

SIGNS & SYMPTOMS OF EXPOSURE	n/a
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	n/a
EMERGENCY FIRST AID PROCEDURES	Obtain medical or first aid assistance
EYE CONTACT	Foam contact should be washed with water. Molten adhesives in eyes will cause severe and permanent damage. Can cause mechanical irritation if dusts are generated
SKIN CONTACT	Foam has no hazard in normal use. Molten adhesive can cause severe burns. Solid adhesive has no hazard
INHALATION	Foam has no hazard in normal use. When breathing of vapors above molten adhesive may irritate mucous membranes. Dusts from solid adhesive may cause irritation



INGESTION	Foam ingestion you should wash mouth and seek medical attention. Adhesive is not expected to be harmful by ingestion
-----------	--

SECTION 7: CONTROL & PROTECTIVE MEASURES

RESPIRATORY PROTECTION	None normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperature, wear NOISH approved respiratory protection as appropriate
PROTECTIVE GLOVES	Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesives
EYE PROTECTION	Safety goggles or glasses with side sheilds
VENTILATION TO BE USED	<u> n/a </u> LOCAL EXHAUST <u> n/a </u> SPECIAL <u> n/a </u> OTHER(specify)
OTHER PROTECTIVE	n/a
HYGENIC WORK PRACTICES	Use good housekeeping

SECTION 8: CONTROL & PROTECTIVE MEASURES

STEPS IF MATERIAL IS SPILLED	n/a
WASTE DISPOSAL	n/a
PRECAUTIONS IN HANDLING & STORAGE	Store at ground level away from direct sunlight and heat sources. Keep away from strong oxidizing agents. So not store above 38°C (100°F)
OTHER PRECAUTIONS/HAZARDS	None

SECTION 9: DISCLAIMER

The data contained herein are furnished for information only and are believed to be reliable. However, Marco Industries, Inc does not assume responsibility for any results obtained by persons over whose methods Marco Industries, Inc has no control. It is the user's responsibility to determine the suitability of these products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Marco Industries, Inc products.