

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: TQ54G
PRODUCT NAME: FAST SET HOT MELT ADHESIVE
HMIS CODES: H F R P
1 0 0 A

----- SECTION I - MANUFACTURER IDENTIFICATION -----

MANUFACTURER'S NAME: Schaefer Machine Co., Inc.
ADDRESS: 200 Commercial Drive
Deep River, CT 06417

DATE PRINTED: 10/04/00

INFORMATION PHONE: (816) 421-3000

NAME OF PREPARER: EDWIN KUOFIE

----- SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION -----

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

* NO Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present *

N/A

----- SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -----

BOILING RANGE: N/A	SPECIFIC GRAVITY: (H20=1): 1.00
VAPOR DENSITY: N/A	EVAPORATION RATE: N/A
AUTOIGNITION: N/A	
SOLUBILITY IN WATER: Insoluble	
APPEARANCE AND ODOR: Amber Wafers	

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

FLASH POINT: >200 deg F	METHOD USED: COC
FLAMABLE LIMITS IN AIR BY VOLUME - LOWER: n/a	UPPER: n/a

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES:

Use water spray to cool the fire and exposed surfaces and to protect personnel. Isolate fuel supply from fire. Extinguish the fire by cooling with water spray. Respiratory and eye protection required for fire fighting personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual hazards exist. The adhesive may burn at or above the flashpoint. If thermally decomposed, flammable or toxic gases may be released.

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----- SECTION V - REACTIVITY DATA -----

STABILITY: STABLE

CONDITIONS TO AVOID:

Do not heat above 400 degrees F.

INCOMPATIBILITY (MATERIALS TO AVOID):

Do not mix with other adhesives. Do not mix with acids, bases or strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

If thermally decomposed acrid toxic gases such as carbon monoxide, carbon dioxide and acetic acid vapor present.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

----- SECTION VI - HEALTH HAZARD DATA -----

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

None. The adhesive is 100% solids with no volatile toxic vapors if used in accordance to manufacturers specifications.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

If molten material comes in contact with skin, DO NOT ATTEMPT TO REMOVE!! Cool material as fast as possible with cold water and/or ice and contact a physician immediately if burn is over a large area.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

None.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

No known signs of ingestion exposure.

HEALTH HAZARDS (ACUTE AND CHRONIC):

None.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO

OSHA REGULATED: NO

None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None

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EMERGENCY AND FIRST AID PROCEDURES:

If molten material comes in contact with skin, DO NOT ATTEMPT TO REMOVE!! Cool material with cold water and/or ice as quickly as possible and seek medical help immediately if burn is over a large area.

----- **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Recover material and place in a suitable container for recycle or disposal. This product does not fall under the EPA hazardous substance guidelines.

WASTE DISPOSAL METHOD:

Consult local, state and federal officials to assure approved landfill disposal conforms with current regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Transport and store at ambient temperatures. Storing below 32 degrees F may allow condensation to form in the sealed box, and introduce moisture into the hot melt application system. Storage or transport over 110 degrees F may promote "blocking" or Sticking together of the wafers. Material is unaffected but cumbersome for operators to scoop from boxes.

OTHER PRECAUTIONS:

All components of this product meet the compositional requirements of Indirect Food additives Regulation 21 CFR 175.105 "Adhesives" and may be used subject to the conditions outlines in those regulations.

----- **SECTION VIII - CONTROL MEASURES** -----

RESPIRATORY PROTECTION:

None

VENTILATION:

Provide sufficient mechanical ventilation (general or local exhaust) to maintain exposure below threshold limit values.

PROTECTIVE GLOVES:

Heat resistant gloves should be used when working around molten adhesive. No protection is needed for cool adhesive.

EYE PROTECTION:

Approved safety glasses or goggles are recommended when working with molten adhesive.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Long sleeves and protective gloves are recommended when working with molten adhesive.

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WORK/HYGIENIC PRACTICES:

Observe Standard plant and personal hygienic habits when working with this and any other industrial adhesive.

----- SECTION IX - DISCLAIMER -----

This Material Safety Data Sheet is furnished without charge to responsible individuals who use it at their discretion and risk. The information and suggestions contained within have been compiled from sources believed to be reliable. There is no Warranty of any kind, expressed or implied as to the completeness or accuracy thereof.