



North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 05/04/2009
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Honeywell
Product Name: Toluene Fill Material (DISCONTINUED)

Honeywell

MATERIAL SAFETY DATA SHEET

CORP ID # GV-028-004DIV. ID # DS9004

I. MATERIAL IDENTIFICATION

MATERIAL NAME

Toluene Fill Material

This MSDS applies to the fill material contained within the temperature sensing element. Fill material will be exposed only upon element breakage. Fill volume is small (typically 10-50cc) and quickly evaporates in air, limiting potential exposure. Under normal handling and usage there is no exposure.

MANUFACTURER

Honeywell, Inc.
Residential and Building Controls Group

TELEPHONE NUMBER

(612) 542-7500

SYNONYMS

Toluol, Methylbenzene, Phenylmethane, M.S. 441, Methylbenzol

MATERIAL USE

Fill material for temperature sensing elements.
(See attached sheet for Honeywell Control numbers.)

APPEARANCE AND ODOR

Water-white liquid with an aromatic odor

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (UNITS)
Toluene	100	8 hr. TWA 375 mg/m ³

III. HEALTH HAZARD INFORMATION

EFFECTS OF EXCESSIVE EXPOSURE	Eye contact is irritating and can be damaging (corneal burns). Skin contact will cause defatting of the skin. Excessive exposure is unlikely due to limited fill volume.
EMERGENCY AND FIRST AID PROCEDURES	EYE CONTACT Irrigate with water for 15 minutes. Get medical help.
	SKIN CONTACT Wash area with soap and water.
	INHALATION None expected. If irritation develops, move to fresh air.
	INGESTION Get medical help immediately. Do NOT induce vomiting.

IV. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	None needed
PROTECTIVE GLOVES	Wear protective gloves in event of element breakage.
OTHER PROTECTIVE EQUIPMENT	None needed
VENTILATION	Provide good general ventilation

Honeywell

DS9004

V. SPECIAL PRECAUTIONS	
HANDLING AND STORAGE PRECAUTIONS	Avoid sharp kinks or bends in capillary.
D.O.T. CLASS	Flammable liquid

VI. SPILL, LEAK, AND DISPOSAL PROCEDURES	
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Pick up liquid when feasible, or absorb on vermiculite or sand.
WASTE DISPOSAL METHOD	Follow Federal, State and Local regulations in any waste removal and disposal action.

VII. REACTIVITY DATA			
STABILITY		CONDITIONS TO AVOID	Avoid contact with heat, sparks, or open flame
UNSTABLE	STABLE		
	X		
INCOMPATIBILITY (MATERIALS TO AVOID)		Nitric and sulfuric acids	
HAZARDOUS DECOMPOSITION PRODUCTS		None	

VIII. FIRE AND EXPLOSION DATA			
FIRE AND EXPLOSION HAZARDS		Very flammable	
PRECAUTIONS		Keep away from flame or spark if element breaks.	
SPECIAL FIRE FIGHTING PROCEDURES		Fire fighters should wear SCBA	
EXTINGUISHING MEDIA		CO ₂ , dry chemical, foam or water fog	
NFPA RATING		FLAMMABLE LIMITS (% IN AIR)	
H - 2	F - 3	R - 0	LEL: 1.2 UEL: 7

IX. PHYSICAL DATA			
BOILING POINT 760mm Hg	231 °F (110.6°C)	SOLUBILITY IN WATER	0.05%
VAPOR PRESSURE AT 77 °F:	28 mm Hg	VOLATILES	100 % BY VOLUME
SPECIFIC GRAVITY (H ₂ O = 1):	.866	EVAPORATION RATE (BuAc = 1):	1.9
VAPOR DENSITY (AIR = 1):	3.2	FLASH POINT	40 °F (4.4 °C) Closed Cup

INFORMATION SOURCE

The information contained herein is based upon current available scientific information and manufacturers data. The descriptions contained herein represent the majority of uses for this product. Abuse or unforeseen circumstances are not addressed. Information may be developed from time to time which may render the conclusions of this report obsolete. Honeywell makes no warranties to its customers, agents, employees, or contractors as to the applicability of this information to the users intended purpose or for the consequences of its use or misuse.

APPROVED BY  DATE July 16, 1990