

# MATERIAL SAFETY DATA SHEET

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EMERGENCY PHONE NUMBER  
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## SECTION I - IDENTITY INFORMATION

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**IDENTITY (TRADE NAME):** HMT-301

**FAMILY/CHEMICAL NAME:** FORMULATED EPOXY RESIN

**PRODUCT TYPE:** EPOXY TOWPREG

**IMPORTANT:**

**THIS MATERIAL IS NOT TO BE SOLD FOR USE IN PRODUCTS FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES, ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY IS SPECIFICALLY INTENDED. BECAUSE OF THE WIDE RANGE OF SUCH POTENTIAL USES, NEWPORT CORPORATION IS NOT ABLE TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR SUCH USES AND ASSUMES NO LIABILITY FOR ANY SUCH USES.**

**HAZARD STATEMENT:**

**THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.**

**CALIFORNIA PROPOSITION 65**

THIS PRODUCT CONTAINS A CHEMICAL KNOWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER.

**SPECIFIC CHEMICAL NAME:**

THIS EXACT CHEMICAL IDENTITY OF THIS COMPONENT IS A TRADE SECRET

**CAS #:** NA

**COMMON NAME:**

EPOXY POLYMER

**EXPOSURE LIMITS:**

OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

**THIS CHEMICAL IS NOT CONSIDERED TO BE CARCINOGENIC BY NTP, IARC, OR OSHA.**

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**SECTION II - HAZARDOUS INGREDIENTS CONTINUED**

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**SPECIFIC CHEMICAL NAME:**

THIS EXACT CHEMICAL IDENTITY OF THIS COMPONENT IS A TRADE SECRET

**CAS #:** NOT AVAILABLE

**COMMON NAME:**

EPOXY POLYMER

**EXPOSURE LIMITS:**

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

**THIS CHEMICAL IS NOT CONSIDERED TO BE CARCINOGENIC BY NTP, IARC, OR OSHA.**

**SPECIFIC CHEMICAL NAME:**

THIS EXACT CHEMICAL IDENTITY OF THIS COMPONENT IS A TRADE SECRET

**CAS #:** NOT AVAILABLE

**COMMON NAME:**

GLYCIDYL AMINO PHENOL

**EXPOSURE LIMITS:**

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

**THIS CHEMICAL IS NOT CONSIDERED TO BE CARCINOGENIC BY NTP, IARC, OR OSHA.**

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**SECTION III - PHYSICAL DATA**

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**APPEARANCE AND ODOR:** GRAY FILM, SLIGHT ODOR

**MELTING POINT:** 60C

**DECOMPOSITION TEMPERATURE:** >300C

**PERCENT VOLATILE:** 1%

**SOLUBILITY IN WATER:** INSOLUBLE

**SPECIFIC GRAVITY:** 1.19

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

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**FLASH POINT:** NOT DETERMINED

**EXTINGUISHING MEDIA:** CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY

**FIRE FIGHTING PROCEDURES - SPECIAL:**

USE SELF - CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER. IN THE CASE OF LARGE FIRES, ALSO COOL SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC

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**SECTION V - REACTIVITY DATA**

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**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID CONDITIONS OVER 300 °F.

**INCOMPATIBILITY:** STRONG OXIDIZERS, ACIDS AND BASES

**HAZARDOUS DECOMPOSITION PRODUCTS:** THERMAL DECOMPOSITION AND BURNING MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES AND OTHER TOXIC ORGANIC SPECIES.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR UNDER NORMAL CONDITIONS.

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**SECTION VI - HEALTH HAZARD DATA**

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**PRIMARY ROUTES OF EXPOSURE:** DERMAL

**SKIN IRRITATION:** IRRITANT

**EYE IRRITATION:** IRRITANT

**SENSITIZATION:** SENSITIZER

**OVEREXPOSURE EFFECTS:** IRRITATION, SENSITIZATION AND DERMATITIS

**OVEREXPOSURE-CHRONIC:** NO KNOWN HAZARDS

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** SKIN AND EYE CONTACT

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**SECTION VI - EMERGENCY PROCEDURES.**

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**EMERGENCY AND FIRST-AID PROCEDURES FOR EYES:**

PROMPTLY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION

**EMERGENCY AND FIRST-AID PROCEDURES FOR SKIN:**

PROMPTLY WASH WITH SOAP AND WATER. ANY MATERIAL ADHERING TO SHIN SHOULD BE REMOVED WITH RESIN REMOVING CREAMS. DO NOT USE SOLVENTS.

**EMERGENCY AND FIRST-AID PROCEDURES FOR INGESTION:**

IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION.

**EMERGENCY AND FIRST-AID PROCEDURES FOR INHALATION:**

REMOVE TO FRESH AIR. CALL A PHYSICIAN

**EMERGENCY AND FIRST-AID PROCEDURES FOR OTHER:**

REMOVE AND WASH CONTAMINATED CLOTHING PRIOR TO REUSE

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**SPILL PROCEDURES:**

COLLECT AND PLACE INTO CLOSABLE CONTAINER FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT SPECIFIED BELOW.

**WASTE DISPOSAL METHODS:**

BURY OR INCINERATE IN APPROVED SITE OR FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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**VENTILATION:** GOOD GENERAL MECHANICAL VENTILATION AND LOCAL EXHAUST ARE REQUIRED TO MEET THE RECOMMENDED TWA.

**PROTECTIVE GLOVES:** WORK GLOVES RECOMMENDED

**EYE PROTECTION:** WEAR SAFETY GOGGLES TO PROTECT EYES FROM DUST AND LOOSE FIBERS DURING HANDLING OR MACHINING.

**RESPIRATORY PROTECTION:** USE NIOSH APPROVED DUST RESPIRATOR, OR DUST MASK WHERE DUST ARISES FORM USE.

**OTHER PROTECTIVE EQUIPMENT:**

WEAR PROTECTIVE CLOTHING. APPLY BARRIER CREAM FOR THE PROTECTION OF EXPOSED SKIN.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**HANDLING, SHIPPING AND STORING PRECAUTIONS:**

**WARNING!!! HARMFUL IF INHALED, ABSORBED THROUGH THE SKIN OR SWALLOWED. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. DO NOT BREATHE DUST. GOOD VENTILATION AND GOOD PERSONAL HYGIENE ARE ESSENTIAL. STOW AWAY FROM FOOD, FOOD CONTAINERS, AND CLOTHING. STORE IN DRY CHEMICAL STORAGE FACILITY IN TIGHTLY CLOSED CONTAINERS. WASH THOROUGHLY AFTER HANDLING, AND BEFORE EATING, DRINKING OR SMOKING. USE CLEAN CLOTHING DAILY. A SHOWER AFTER WORK IS RECOMMENDED.**

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**SECTION X - REGULATORY INFORMATION**

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**DOT CLASS:** NOT REGULATED

**RCRA STATUS:** NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261)

**CERCLA STATUS:** NOT REGULATED

**SARA/TITLE III-TOXIC CHEMICAL LIST:** THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL FOR ROUTINE ANNUAL TOXIC CHEMICAL RELEASE REPORTING UNDER SECTION 313 (40 CFR 372).

**TSCA INVENTORY STATUS:** CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

**ISSUE DATE:** MAY 27, 1997

**FOR FURTHER HEALTH/SAFETY INFORMATION, CONTACT:** George walker

**FOR TECHNICAL INFORMATION CONTACT YOUR TECHNICAL SALES REPRESENTATIVE**

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