

## **THERMOFIT S-1006 ADHESIVE PART A**

### **MSDS Number**

CJPBB

### **National Stock Number**

8040-00-109-8101

### **Product Name**

THERMOFIT S-1006 ADHESIVE PART A

### **Manufacturer**

RAYCHEM CORP

### **Product Identification**

Product ID:THERMOFIT S-1006 ADHESIVE PART A

MSDS Date:11/01/1995

FSC:8040

NIIN:00-109-8101

Status Code:A

MSDS Number: CJPBB

### **Responsible Party**

RAYCHEM CORP

300 CONSTITUTION DRIVE

MENLO PARK , CA 94025

US

Emergency Phone: 800-424-9300

Info Phone: 650-361-4907

Preparer: LINDA MASSEY

Cage: 06090

### **Contractor**

RAYCHEM CORP

MENLO PARK, CA 94025-1164

US

415-361-4907

Cage: 06090

### **Ingredients**

BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN (PART A)

CAS: 25068-38-6

RTECS: CE6880000

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE CNTCT: THIS MATL IS AN EYE IRRIT. DIRECT CNTCT W/LIQ/EXPOS TO VAP/MIST MAY CAUSE STINGING, TEARING, REDNESS, & SWELLING. CNTCT W/MOLTEN MATL MAY CAUSE THERMAL BURNS. PERS W/PRE-EXISTING EYE DISORDERS MAY BE MORE SUSCEPTIBLE TO EFTS OF THIS MATL. SKIN: THIS MATL IS A SKIN IRRIT. DIRECT CNTCT/EXPOS TO VAP/MISTS MAY CAUSE REDNESS & BURNING & SKIN DMG. RPTD CNTCT MAY CAUSE ALLERGIC SKIN RXN IN SENSITIZED INDIVIDUALS. PERS W/PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO EFTS OF THIS MATL. NO HARMFUL EFTS ARE EXPECTED FROM SKIN ABSORPTION OF

MATL. CNTCT W/MOLTEN MATL MAY CAUSE THERMAL BURNS. (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity: THE INGREDIENTS OF THIS PRODUCT, PRESENT OR EQUAL TO OR GREATER THAN 0.1% OF THE PRODUCT, ARE NOT LISTED BY OSHA, NTP, OR IARC AS SUSPECT CARCINOGENS.

Effects of Overexposure: HEALTH HAZARD: INGEST: INGESTION OF THIS MATERIAL IS HIGHLY UNLIKELY. HOWEVER, IF SWALLOWED, THIS PRODUCT IS EXPECTED TO HAVE A LOW DEGREE OF TOXICITY BY INGESTION. INHALATION: BECAUSE OF ITS LOW VOLATILITY, EXPOSURE TO VAPORS IS UNLIKELY. IN COMMON WITH MOST ORGANIC MATERIALS, THERMAL DEGRADATION & COMBUSTION BYPRODUCTS MAY BE TOXIC & SHOULD NOT BE INHALED. SEE COMMENTS BELOW & THERMAL DEGRADATION & COMBUSTION BYPRODUCTS SECTION FOR MORE SPECIFIC INFO. CHRONIC: COMPONENT OF PART A OF THIS PRODUCT (BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN) IS POSITIVE IN IN VITRO MICROBIAL MUTAGENICITY SCREENING (SUPDAT)

## First Aid

First Aid: EYES: HOLD EYELIDS APART & FLUSH AFFECTED EYE(S) IMMEDIATELY WITH CLEAN H<sub>2</sub>O FOR AT LEAST 15 MIN. SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH WITH PLENTY OF H<sub>2</sub>O & WASH AFFECTED AREA(S) WITH SOAP & H<sub>2</sub>O. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE. CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, CANNOT BE DECONTAMINATED & SHOULD BE DESTROYED TO PREVENT REUSE. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. IF CONTACT WITH PRODUCT OCCURS, IMMEDIATELY FLUSH WITH COOL H<sub>2</sub>O FOR 15 MIN. CAREFULLY REMOVE CLOTHING, IF CLOTHING IS STUCK TO A BURNED AREA DO NOT PULL IT OFF, BUT CUT AROUND IT. COVER BURNED AREA WITH CLEAN MATERIAL & SEEK MEDICAL ATTENTION IMMEDIATELY. (OTHER INFO)

## Fire Fighting

Flash Point Method: CC

Flash Point: =248.9°C, 480°F

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE. DO NOT USE SOLID STREAM APPLIANCE.

Unusual Fire/Explosion Hazard: TOXIC FUMES MAY BE GIVEN OFF IN A FIRE. SEE SECTIONS ON THERMAL DEGRADATION AND COMBUSTION BYPRODUCTS AND OTHER PRECAUTIONS.

## Accidental Release

Spill Release Procedures: WEAR APPROPRIATE PERSONAL PROTECTION WHEN RESPONDING. CONTAIN SPILL WITH INERT ABSORBENT. TAKE MEASURES TO STOP SPILLAGE AT THE SOURCE TRANSFER CONTAMINATED ABSORBENT INTO A CONTAINER AND DISPOSE IN ACCORDANCE TO LOCAL, STATE AND FEDERAL LAWS. WASH AREA WITH DILUTE (5%) ACETIC ACID, PICKUP WITH INERT ABSORBENT AND DISPOSE OF PROPERLY.

## Handling

Handling and Storage Precautions: AVOID CONTACT WITH EYES, SKIN/CLOTHING. CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, CANNOT BE DECONTAMINATED & SHOULD BE DESTROYED TO PREVENT REUSE. AVOID BREATHING VAPORS/MIST. APPLICATION OF ADHESIVE (PARTS A & B) SHOULD BE DONE IN A WELL-VENTILATED AREA. STORE IN A COOL, DRY AREA.

Other Precautions: CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN HAZARDOUS PRODUCT RESIDUES. HANDLE IN ACCORDANCE WITH PRECAUTIONS OUTLINED IN THE HANDLING SECTION ABOVE. PART A & B RELEASE HEAT WHEN COMBINED. PROTECT PACKETS FROM PHYSICAL DAMAGE TO AVOID LEAKS & SPILLS. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES. KEEP CONTAINER CLOSED.

## Exposure Controls

Respiratory Protection: DEPENDING ON THE AIRBORNE CONCENTRATION OF MATERIAL, USE A NIOSH APPROVED AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES. AT TEMPERATURES ABOVE 300°F (149°C) HAZARDOUS THERMAL DEGRADATION PRODUCTS MAY BE RELEASED. THEREFORE, IF TEMPERATURES EXCEED 300°F (149°C), AIR-SUPPLIED RESPIRATORS ARE RECOMMENDED.

Ventilation: IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE, ENSURE

ADEQUATE VENTILATION DURING APPLICATION.

Protective Gloves: RUBBER GLOVES TO PVNT/MIN CONTACT.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: ANSI APPROVED EYE WASH AND DELUGH SHOWER .

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CONTAMINATED CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

Supplemental Safety and Health

EFTS OF OVEREXP: TESTS, & HAS PROD CHROMOSOMAL ABSENCE IONS IN CULTURED RAT LIVER CELLS. IT HAS, HOWEVER PROVEN TO BE INACTIVE WHEN TESTED IN VIVO MUTAGENICITY ASSAYS. (NOTE: MUTAGENICITY ASSAYS ARE MEANS TO IDENTIFY IF CHEM MAY CAUSE CHANGES IN GENETIC MATL (DNA) OF A CELL). COMMENTS: OVERHEATING MATL (OTHER INFO)

## Chemical Properties

HCC:N1

Boiling Pt: >260.C, 500.F

Vapor Pres: 0.03 MM HG @ 77C

Spec Gravity: 1.17 (WATER =1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: VISCOUS PURPLE LIQUID. NO ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZERS, ACIDS, AND BASES, ESPECIALLY PRIMARY AND SECONDARY ALIPHATIC AMINES.

Stability Condition to Avoid: AVOID EXCESSIVE HEAT FOR PROLONGED PERIODS OF TIME.

Hazardous Decomposition Products: THERMAL DEGRADATION & COMBUSTION BYPRODUCTS: THERMAL DEGRADATION & COMBUSTION BYPROD MAY BE TOX & SHOULD NOT BE INHALED. THERMAL DEGRADATION IS NOT SIGNIFICANT AT TEMP ACHIEVED DURING (TOX INFO)

Conditions to Avoid Polymerization: HAZ POLYMERIZATION WILL NOT OCCUR, POLYMERIZATION MAY OCCUR ABOVE 500F. SOME CURING AGENTS, EG, (TOX INFO)

## Disposal

Waste Disposal Methods: THIS PRODUCT IS A NON-HAZARDOUS WASTE IN ACCORDANCE WITH U.S. EPA REGULATIONS. CLASSIFICATION ACCORDING TO ALL FEDERAL, LOCAL AND STATE HAZARDOUS WASTE REGULATION IS REQUIRED BEFORE DISPOSAL.

## Toxicology

Toxicological Information: POLYM CNDTNS: ALIPHATIC POLYAMINES CAN PRODUCE EXOTHERMIC REACTIONS WHICH IN LARGE MASSES CAN CAUSE RUNAWAY POLYMERIZATION AND CHARRING OF REACTANTS. HAZ DECOMP PROD: PROPER APPLICATION, AS DIRECTED BY PRODUCT INSTRUCTIONS. AT TEMPERATURES ABOVE 300F OR MOST SIGNIFICANTLY IF THE PRODUCTS ARE BURNED, THE THERMAL DEGRADATION AND COMBUSTION BYPRODUCTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CARBON MONOXIDE, AMMONIA, ALDEHYDES, ACIDS AND OTHER ORGANIC SUBSTANCES AND OXIDES OF NITROGEN.

## Other Information

Disclaimer (provided with this information by the compiling agencies):

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## Transport

Transport Information: DOT PROPER SHIPPING NAME; DOT IDENTIFICATION NO.; DOT HAZARD CLASSIFICATION: NOT REGULATED.

## Regulatory

Federal Regulatory Information:TSCA INVENTORY STATUS: ALL INGREDIENTS ARE LISTED.

State Regulatory Information:OTHER INFO: IF BRTHING DFCLTIES DEVELOP, O\*2 SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING, IMMEDIATELY BEGIN ARTIFICIAL RESPIRATION. KEEP VICTIM WARM AND QUIET, SEEK IMMEDIATE MEDICAL ATTENTION.