MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 1 of 6

SECTION I - PRODUCT AND COMPANY INFORMATION

| Product Name: Hazard Rating: | DOUBLE BUBBLE GREEN PACKAGE Health: 2 Fire: 1 Reactivity: 0 PPI: |
|--|--|
| Company Identification: | ELEMENTIS SPECIALTIES 600 CORTLANDT STREET BELLEVILLE NJ 07109-3384 |
| Contact: Telephone/Fax: Emergency Phone (24 Hour): | BRUCE WEINMAN (973) 751–3000 (973) 751–8407 ENVIRONMENTAL SPECIALIST (973) 751–3000 |
| Chemtrec (24 Hour): Preparer | (800) 424-9300 B. WEINMAN ENVIRONMENTAL SPECIALIST |
| Product Class Trade Name Product Code | EPOXY TRANSPARENT,WATER CLEAR (04004) PART A |

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredients

CAS Number

TRADE SECRET TRADE SECRET *** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT: PRODUCT IS MODERATELY IRRITATING TO THE EYES. SKIN CONTACT: PRODUCT IS MODERATELY IRRITATING TO THE SKIN. MAY CAUSE SKIN SENSITIZATION. SKIN SENSITIZATION MAY BE EVIDENCED BY RASHES, ESPECIALLY HIVES. INHALATION: BECAUSE OF ITS LOW VOLATILITY THIS PRODUCT IS NOT LIKELY TO BE AN INHALATION HAZARD.

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 2 of 6

INGESTION:

EYE CONTACT:

THIS PRODUCT IS CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

AGGRAVATED MEDICAL CONDITIONS:

PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PREEXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGY SYMPTOMS FROM EXPOSURE TO THIS PRODUCT.

HEALTH HAZARD INFORMATION:

OTHER HEALTH INFORMATION (EPOXY RESIN): CHRONIC STUDIES: RECENT 2 YEAR BIOASSAYS IN MICE EXPOSED BY THE DERMAL ROUTE TO EPOXY RESIN, THE DIGLYCIDYL ETHER OF BISPHENOL A (DGEBPA), OR TO RESINS PREDOMINANTLY OF DGEBPA HAVE YIELDED VERY LIMITED EVIDENCE OF WEAK CARCINOGENICITY. DGEBPA IS A COMPONENT OF THE RESIN IN THIS PRODUCT. THE AU-THORS OF THIS WORK CONCLUDED THAT THE RENAL TUMOR EVIDENCE WITH THIS RESIN "WAS OF NO BIOLOGICAL SIGNIFICANCE" AND THAT THE RESIN "IS NOT A SYSTEMIC CARCINOGEN WHEN APPLIED TO THE DORSAL SKIN OF CF 1 MICE." IARC CONCLUDED THAT DGEBPA WAS NOT CLASSIFIABLE AS A CARCINOGEN (IARC GROUP 3) BASED ON THE FOL-LOWING: HUMAN AND ANIMAL EVIDENCE BOTH INADEQUATE.

MUTAGENICITY: BOTH THE RESIN AND DGEBPA, HAVE PROVED TO BE INACTIVE WHEN TESTED BY IN VIVO MUTAGENICITY ASSAYS. THEY HAVE BOTH SHOWN ACTIVITY BY THE IN VITRO MICROBIAL MUTAGEN-ICITY SCREENING AND HAVE BOTH PRODUCED CHROMOSOMAL ABERRA-TIONS IN CULTURED RAT LIVER CELLS. THE SIGNIFICANCE OF THIS INFORMATION TO MAN IS UNKNOWN.

SECTION IV - FIRST AID MEASURES

FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. LAUNDER CONTAMINATED CLOTHING. DESTROY LEATHER ARTICLES INCLUDING SHOES. INHALATION: REMOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET IMMEDIATE MEDICAL ATTENTION.

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 3 of 6

INGESTION:

DO NOT INDUCE VOMITING. GET MEDICAL ADVICE.

SECTION V - FIRE-FIGHTING MEASURES

| Flammability Class | IIIB |
|--------------------|-------------------------------------|
| Flash Range: | Not Available |
| | Pensky-Martens Closed Cup ASTM D 93 |
| | 470F |
| Explosive Range: | Not Available |

FIRE-FIGHTING MEASURES:

WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA). COOL FIRE EXPOSED CONTAINERS WITH WATER.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:

ABSORB LIQUID MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL. COMPLY WITH LOCAL, STATE, AND FEDERAL EPA REGULATIONS.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:

STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Occupation | al Exposure Li ACGIH TLV | | ACGIH STEL | OSHA STEL | OSHA PEL |
|------------|-----------------------------|-----------------|----------------|--------------|----------|
| TRADE SECR | ET N/est | N/est | N/est | N/est | N/est |
| | ROTECTIVE EQUI | -, | 117 CBC | | N/ CDC |
| | SENCE OF PROPER | | | ΝΠΑΤΙ ΛΠΤΟΝΙ | |
| | | | | | |
| WEAR A RES | PIRATOR APPROV | ED BY NIOSH/MS. | HA WHENEVER EX | POSED TO | |

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 4 of 6 _____

FUMES OR VAPORS. COMPLY WITH OSHA 1910.134 (CFR). SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS. LOCAL EXHAUST IS RECOMMENDED. USE CHEMICAL RESISTANT PROTECTIVE GLOVES, CHEMICAL SPLASH GOGGLES. CHEMICAL RESISTANT PROTECTIVE CLOTHING TO MINIMIZE EXPOSURE; CHEMICAL SPLASH APRON, FULL FACE SHIELD. EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

| Form: | LIQUID |
|------------------------|----------------|
| Appearance/Color: | CLEAR |
| Boiling Range: | Not Available |
| Vapor Pressure (mmHg): | Not Available |
| Melting Point: | Not Applicable |
| Evaporation Rate: | Unavailable |
| % Volatile | Not Available |

% Volatile Specific Gravity:

SECTION X - STABILITY AND REACTIVITY

| Stability: | This product is stable |
|---------------------------|---|
| Hazardous Polymerization: | Hazardous polymerization will not occur |

1.16

REACTIVITY:

INCOMPATIBILITY: OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG LEWIS ACIDS, BASES, MERCAPTANS, AMINES. CONDITIONS TO AVOID: HIGH TEMPERATURES. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, ACIDS.

SECTION XI - TOXICOLOGICAL INFORMATION

Oral Skin Inhale LC50 Lethal Dose Information (ppm)

TOXICOLOGICAL INFORMATION: NO INFORMATION IS AVAILABLE.

SECTION XII - ECOLOGICAL INFORMATION

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 5 of 6

NO INFORMATION IS AVAILABLE.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA CONSIDERATIONS:

THIS PRODUCT IF DISPOSED OF IN THE PURCHASED FORM IS NOT CONSIDERED RCRA HAZARDOUS.

SECTION XIV - TRANSPORT INFORMATION

UN Number UN Pack Group UN Class ICAO/IATA Class IMDG Class Shipping Name ADR/RID Class DOT Hazard Class Technical Name

NOT REGULATED NOT REGULATED PLASTIC LIQUID, NOS NOT REGULATED

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:

ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

INVENTORY STATUS: ALL THE COMPONENT(S) OF THIS PRODUCT HAVE BEEN FOUND ON THE FOLLOWING INVENTORIES:

UNITED STATES

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE NOT YET BEEN IDENTIFIED ON THE FOLLOWING INVENTORIES:

EUROPE CANADA AUSTRALIA JAPAN KOREA CHINA PHILIPPINES

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#1 Version Number F MSDS Date: AUG-07-2003 Page Number: 6 of 6

SCHEDULE B NUMBER:

3506.91.0000 IS THE SCHEDULE B EXPORT CLASSIFICATION NUMBER. **PROPOSITION 65 INFORMATION:** 04004 PART A CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER/REPRODUCTIVE TOXICITY.

| 106-89-8 | EPICHLOROHYDRIN | <1 | PPM |
|----------|-----------------------|----|-----|
| 122-60-1 | PHENYL GLYCIDYL ETHER | <6 | PPM |

SECTION XVI - OTHER INFORMATION

DISCLAIMER:

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN (HEREINAFTER "INFORMATION") ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, ELEMENTIS PERFORMANCE POLYMERS MAKES NO REPRESENTATIONS AS TO THE COMPLETENESS OR ACCURACY THEREOF. INFORMATION IS SUPPLIED UPON THE CONDITION THAT THE PERSONS RECEIVING SAME WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE. IN NO EVENT WILL ELEMENTIS PERFORMANCE POLYMERS BE RESPONSIBLE FOR DAMAGES OF ANY NATURE WHATSOEVER RESULTING FROM THE USE OF OR RELIANCE UPON INFORMATION. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OF ANY NATURE ARE MADE HERE-UNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 1 of 6

SECTION I - PRODUCT AND COMPANY INFORMATION

| Product Name: | DOUBLE BUBBLE GREEN PACKAGE |
|---|--|
| Hazard Rating: | Health: 2 Fire: 1 Reactivity: 0 PPI: |
| Company Identification: | ELEMENTIS SPECIALTIES 600 CORTLANDT STREET BELLEVILLE NJ 07109-3384 |
| Contact: Telephone/Fax: Emergency Phone (24 Hour): Chemtrec (24 Hour): Preparer | BRUCE WEINMAN (973) 751-3000 (973) 751-8407 ENVIRONMENTAL SPECIALIST (973) 751-3000 (800) 424-9300 B. WEINMAN ENVIRONMENTAL SPECIALIST |
| Product Class | AMINE |
| Trade Name | TRANSPARENT, WATER CLEAR |
| Product Code | (04004) PART B |

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredients

CAS Number

TRADE SECRET

HETROCYCLIC AMINE

TRADE SECRET TRADE SECRET *** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT: PRODUCT IS IRRITATING TO THE EYES AND MAY CAUSE BURNS TO THE EYES. SKIN CONTACT: IRRITATING TO THE SKIN (SPI CLASS 2). PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN THE ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN BURNS. INHALATION:

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 2 of 6

NO INHALATION EFFECTS ARE CURRENTLY KNOWN.

INGESTION:

MODERATELY TOXIC BY SWALLOWING. MAY CAUSE IRRITATION OF MOUTH AND THROAT, ALONG WITH ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA AND COLLAPSE.

OTHER HEALTH HAZARD INFORMATION: MAY CAUSE SKIN SENSITIZATION AND DERMATITIS. ANIMAL TESTS INDICATED

MAY CAUSE SKIN SENSITIZATION AND DERMATITIS. ANIMAL TESTS INDICATED NEUROTOXICITY.

SECTION IV - FIRST AID MEASURES

EYE CONTACT:

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER EYE LIDS. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT:

WIPE EXCESS FROM SKIN AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. LAUNDER CLOTHING, DISCARD LEATHER CLOTHING. INHALATION:

REMOVE PERSON TO FRESH AIR AND CALL A PHYSICIAN. PREVENT ASPIRATION OF VOMIT BY TURNING VICTIMS HEAD TO THE SIDE.

INGESTION:

DO NOT INDUCE VOMITING. ADMINISTER 3-4 GLASSES OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF VICTIM IS DROWSY, CONVULSING, OR UNCONSCIOUS.

SECTION V - FIRE-FIGHTING MEASURES

| Flammability Class | IIIB |
|--------------------|---|
| Flash Range: | Not Available |
| | Pensky-Martens Closed Cup ASTM D 93 250F |
| Explosive Range: | Not Available |

FIRE-FIGHTING MEASURES:

WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA). COOL FIRE EXPOSED CONTAINERS WITH WATER.

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 3 of 6

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:

ABSORB LIQUID MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL. COMPLY WITH LOCAL, STATE, AND FEDERAL EPA REGULATIONS.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:

STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Occupatior | nal Exposure L | imits | | | |
|--------------|----------------|-------------|------------|-----------|----------|
| | ACGIH TLV | ACGIH TLV-C | ACGIH STEL | OSHA STEL | OSHA PEL |
| HETROCYCLI | IC AMINE | | | | |
| | N/est | N/est | N/est | N/est | N/est |
| TRADE SECRET | | | | | |
| | N/est | N/est | N/est | N/est | N/est |

PERSONAL PROTECTIVE EQUIPMENT:

IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL OR VENTILATION, WEAR A RESPIRATOR APPROVED BY NIOSH/MSHA WHENEVER EXPOSED TO FUMES OR VAPORS. COMPLY WITH OSHA 1910.134 (CFR). SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS. LOCAL EXHAUST IS RECOMMENDED. USE CHEMICAL RESISTANT PROTECTIVE GLOVES, CHEMICAL SPLASH GOGGLES. CHEMICAL RESISTANT PROTECTIVE CLOTHING TO MINIMIZE EXPOSURE; CHEMICAL SPLASH APRON, FULL FACE SHIELD. EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

| Form: | LIQUID |
|------------------------|----------------|
| Appearance/Color: | CLEAR |
| Boiling Range: | Not Available |
| Vapor Pressure (mmHg): | Not Available |
| Melting Point: | Not Applicable |
| Evaporation Rate: | Unavailable |
| % Volatile | Not Available |
| | |

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 4 of 6

Specific Gravity: 1.11

SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable Hazardous Polymerization: Hazardous polymerization will not occur **REACTIVITY:** INCOMPATIBILITY: OXIDIZING AGENTS, STRONG MINERAL ACIDS AND WATER. CONDITIONS TO AVOID: HIGH TEMPERATURES. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, PHENOL, PHOSPHOROUS ACID.

SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm) Oral Skin Inhale LC50

SECTION XII - ECOLOGICAL INFORMATION

NO INFORMATION IS AVAILABLE.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA CONSIDERATIONS:

THIS PRODUCT IF DISPOSED OF IN THE PURCHASED FORM IS NOT CONSIDERED RCRA HAZARDOUS.

SECTION XIV - TRANSPORT INFORMATION

UN Number UN Pack Group UN Class ICAO/IATA Class IMDG Class Shipping Name ADR/RID Class DOT Hazard Class Technical Name

NOT REGULATED NOT REGULATED PLASTIC LIQUID, NOS NOT REGULATED

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 5 of 6

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:

ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

INVENTORY STATUS:

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE BEEN FOUND ON THE FOLLOWING INVENTORIES:

UNITED STATES

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE NOT YET BEEN IDENTIFIED ON THE FOLLOWING INVENTORIES:

EUROPE CANADA AUSTRALIA JAPAN KOREA CHINA PHILIPPINES

SCHEDULE B NUMBER: 3506.91.0000 IS THE SCHEDULE B EXPORT CLASSIFICATION NUMBER. PROPOSITION 65 INFORMATION: 04004 PART B DOES NOT CONTAIN ANY CHEMICAL, KNOWN BY THE STATE OF CALIFORNIA, TO CAUSE CANCER/REPRODUCTIVE TOXICITY.

SECTION XVI - OTHER INFORMATION

DISCLAIMER:

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN (HEREINAFTER "INFORMATION") ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, ELEMENTIS PERFORMANCE POLYMERS MAKES NO REPRESENTATIONS AS TO THE COMPLETENESS OR ACCURACY THEREOF. INFORMATION IS SUPPLIED UPON THE CONDITION THAT THE PERSONS RECEIVING SAME WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE. IN NO EVENT WILL ELEMENTIS PERFORMANCE POLYMERS BE RESPONSIBLE FOR DAMAGES OF ANY NATURE WHATSOEVER RESULTING

MSDS Name: DOUBLE BUBBLE GREEN PACKAGE MSDS Number: 03672#2 Version Number G MSDS Date: AUG-07-2003 Page Number: 6 of 6

FROM THE USE OF OR RELIANCE UPON INFORMATION. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OF ANY NATURE ARE MADE HERE-UNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.