



# Material Safety Data Sheet

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Date Prepared 9/1/2008

## SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **Dur-A-Glaze #4 ESD Primer Hardener**

COMMON NAME Polyamine Epoxy Hardener

|               |                     |   |
|---------------|---------------------|---|
| HAZARD RATING | Health              | 3 |
| 0 = Least     | Flammability        | 1 |
| 1 = Slight    | Reactivity          | 0 |
| 2 = Moderate  | Personal Protection | G |
| 3 = High      |                     |   |
| 4 = Extreme   |                     |   |

## SECTION II - PRODUCT COMPONENTS

| CAS.#                 | OSHA PEL   | ACGIH TLV         |
|-----------------------|------------|-------------------|
| Nonyl Phenol          | 25154-52-3 | N.E. <sup>1</sup> |
| Piperazineethaneamine | 140-31-8   | N.E.              |
| Polyoxalkylenamine    | 9046-10-0  | N.E.              |

<sup>1</sup>None Established

T.S.C.A. Status - O.K. on all above components.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                            |   |                                      |     |
|----------------------------|---|--------------------------------------|-----|
| Boiling Point              | 485F                                    | Specific Gravity (H2O = 1)           | <1  |
| Vapor Pressure (mm Hg)     | 0.02                                    | Melting Point                        | N/A |
| Vapor Density (AIR = 1)    | N/A                                     | Evaporation rate (Butyl Acetate = 1) | N/A |
| Volatile Organic Compounds | 63 g/L                                  |                                      |     |
| Solubility in Water        | Partially soluble.                      |                                      |     |
| Appearance and Odor        | Pale yellow colored liquid. Amine odor. |                                      |     |

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

|                                 |      |                  |     |     |
|---------------------------------|------|------------------|-----|-----|
| Flash Point (Closed Cup Method) | 220F | Flammable Limits | LEL | UEL |
|                                 |      |                  | N/A | N/A |

Extinguishing Media Dry chemicals, carbon dioxide, foam, water spray.

Special Firefighting Procedures

Firefighters should wear full emergency equipment with self-contained breathing apparatus. Irritating and/or toxic gases may be generated by fire.

Unusual Fire and Explosion Hazards

Cool fire - exposed containers with cold water spray to prevent pressure build-up that may rupture the container.

## SECTION V - REACTIVITY DATA

|                                       |  |  |
|---------------------------------------|--|--|
| Stability                             | Unstable   | Conditions to Avoid  |
|                                       | Stable   | X Keep container closed when not in use.   |
| Incompatibility (Materials to Avoid)  | Strong oxidizers and acids.                                    |  |
| Hazardous Decomposition or Byproducts | By Fire- carbon monoxide, carbon dioxide, aldehydes, nitrogen. |  |
| Hazardous Polymerization              | May Occur  | Conditions to Avoid  |
|                                       | Will Not Occur   | X Uncontrolled reaction with epoxy resins. Avoid breathing fumes generated by hardener and epoxy mixture when not used within established pot life |

## SECTION VI - HEALTH HAZARD DATA

|                    |             |       |            |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
|                    | YES         | YES   | YES        |

Signs and Symptoms of Exposure Irritation on skin.

Health Hazards (Acute and Chronic)

ACUTE - Irritation on skin and dermatitis.

CHRONIC - Repeated overexposure will cause severe skin irritation, dermatitis and sensitization.

Sensitized persons may experience rapid irritation of skin upon exposure.

|                  |      |                  |                 |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
|                  | NO   | NO               | NO              |

Medical Conditions Generally Aggravated by Exposure

May aggravate existing respiratory or dermatitis condition.

Emergency and First Aid Procedures

EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice irritation develops or persists.

INHALATION - Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.

INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

NOTE\* Persons with lung disorders or who are sensitized should not use this product.

## SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

Provide adequate exhaust ventilation; use a NIOSH - approved respirator if PELs/TLVs are exceeded.

|             |               |   |         |             |
|-------------|---------------|---|---------|-------------|
| Ventilation | Local Exhaust | If needed.  | Special | None known. |
|             | Mechanical    | Adequate exhaust ventilation must exhaust AWAY from applicator. |         |             |

Protective Gloves Natural or Neoprene gloves. Eye Protector Splash goggles or face shield.

Other Protective Clothing or Equipment

Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin cream help cleaning with soap and water, gloves must be still be worn. An eye wash station or an adequate supply of clean water must be available at work area.

Work/Hygienic Practices Enforce careful handling to prevent splashing. Wash thoroughly after use.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.

Waste Disposal Method

Dispose in accordance with Federal, State, and Local requirements.

Precautions to be Taken in Handling and Storing

Keep containers tightly closed when not in use.

Other Precautions NONE KNOWN.

Prepared by Samet Dy - Chemist

**PLEASE NOTE** "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."



# Material Safety Data Sheet

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Date Prepared 9/1/2008

## SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **DUR-A-GLAZE #4 ESD Primer RESIN**

COMMON NAME Epoxy Resin

|   |                     |   |
|---|---------------------|---|
| HAZARD RATING<br>0 = Least<br>1 = Slight<br>2 = Moderate<br>3 = High<br>4 = Extreme | Health              | 1 |
|   | Flammability        | 1 |
|   | Reactivity          | 0 |
|   | Personal Protection | G |

| SECTION II - PRODUCT COMPONENTS          | CAS.#      | %     | OSHA PEL           | ACGIH TLV |
|--|------------|-------|--------------------|-----------|
| Diglycidyl Ether Bisphenol A Epoxy Resin | 25085-99-8 | 75-87 | N.E. <sup>*1</sup> | N.E.      |
| Aliphatic Glycidyl Ether Diluent         | 68609-97-2 | 13-25 | N.E.               | N.E.      |
| Carbon black, Graphite                   | 7782-42-5  | 2-12  | 2.0 mg/M3          |           |
| Carbon Fiber                             | 7440-44-0  | 0-5   | 2.0 mg/M3          |           |

\*1 None Established.

T.S.C.A Status - O.K. on all above components.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOURS EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                            |   |                                      |               |
|----------------------------|---|--------------------------------------|---------------|
| Boiling Point              | N/A   | Specific Gravity (H2O = 1)           | higher than 1 |
| Vapor Pressure (mm Hg)     | N/A   | Melting Point                        | N/A           |
| Vapor Density (AIR = 1)    | N/A   | Evaporation rate (Butyl Acetate = 1) | N/A           |
| Volatile Organic Compounds | 63 g/L  |                                      |               |
| Solubility in Water        | None  |                                      |               |
| Appearance and Odor        | Black Viscous liquid. Mild characteristic odor. |                                      |               |

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

|                                    |   |                  |            |            |
|------------------------------------|---|------------------|------------|------------|
| Flash Point (Closed Cup Method)    | 485F  | Flammable Limits | LEL<br>N/A | UEL<br>N/A |
| Extinguishing Media                | Foam, CO <sub>2</sub> , Dry Chemical, Water Spray.  |                  |            |            |
| Special Firefighting Procedures    | Firefighters should wear full emergency equipment with self-contained breathing apparatus.  |                  |            |            |
| Unusual Fire and Explosion Hazards | Cool fire - exposed containers with cold water spray to prevent pressure build - up that may rupture the container. Combustion products may be toxic. |                  |            |            |

## SECTION V - REACTIVITY DATA

|   |                |  |
|---|----------------|--|
| Stability   | Unstable       | Conditions to Avoid  |
|   | Stable         | Excess heating over long periods of time degrades the resin. |
| Incompatibility (Materials to Avoid) Uncontrolled reaction with amines.                                 |                |  |
| Hazardous Decomposition or Byproducts Fire- Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide, Aldehydes. |                |  |
| Hazardous Polymerization  | May Occur      | Conditions to Avoid  |
|   | Will Not Occur | Uncontrolled reaction with amines                            |

## SECTION VI - HEALTH HAZARD DATA

|  |                    |                  |                 |
|--|--------------------|------------------|-----------------|
| Route(s) of Entry:   | Inhalation?        | Skin?            | Ingestion?      |
|  | YES                | YES              | YES             |
| Signs and Symptoms of Exposure   | Irritation on skin |                  |                 |
| Health Hazards (Acute and Chronic)   |                    |                  |                 |
| ACUTE - Irritation on skin and dermatitis.   |                    |                  |                 |
| CHRONIC - Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure. |                    |                  |                 |
| Carcinogenicity:   | NTP?               | IARC Monographs? | OSHA Regulated? |
|  | NO                 | NO               | NO              |
| Medical Conditions   |                    |                  |                 |
| Generally Aggravated by Exposure Allergy, skin disorders.  |                    |                  |                 |
| Emergency and First Aid Procedures   |                    |                  |                 |
| EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.   |                    |                  |                 |
| SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.   |                    |                  |                 |
| INHALATION - Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.                          |                    |                  |                 |
| INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person.  |                    |                  |                 |
| Note: Persons with lung disorders or who are sensitized should not use this product.   |                    |                  |                 |

## SECTION VII - CONTROL MEASURES

|  |  |   |   |
|--|--|---|---|
| Respiratory Protection (Specify Type)  |  |   |   |
| "Provide adequate exhaust ventilation; use a NIOSH - approved respirator if PELS/TLVS are exceeded."   |  |   |   |
| Ventilation  | Local Exhaust  | If needed.  | Special None known.                           |
|  | Mechanical   | Adequate exhaust ventilation must exhaust AWAY from applicator. |   |
| Protective Gloves  | Natural or Neoprene gloves.  |   | Eye Protection Splash goggles or face shield. |
| Other Protective Clothing or Equipment   |  |   |   |
| Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin cream help cleaning with soap and water, gloves must be still be worn. An eye wash station or an adequate supply of clean water must be available at work area. |  |   |   |
| Work/Hygienic Practices Enforce careful handling to prevent splashing. Wash thoroughly after use.  |  |   |   |
| <b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>  |  |   |   |
| Steps to be Taken in Case Material is Released or Spilled  |  |   |   |
| Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.   |  |   |   |
| Waste Disposal Method  |  |   |   |
| Dispose in accordance with Federal, State, and Local requirements.   |  |   |   |
| Precautions to be Taken in Handling and Storing  |  |   |   |
| Keep containers tightly closed when not in use.  |  |   |   |
| Other Precautions NONE KNOWN.  |  |   |   |
| Prepared by Samet Dy - Chemist   |  |   |   |
| <b>PLEASE NOTE</b>   | "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use." |   |   |



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95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Date Prepared 9/1/2008

## SECTION I - IDENTIFICATION

**IDENTITY (As Used on Label)** DUR-A-GARD-ESD, HARDENER

**COMMON NAME** Cycloaliphatic Diamine Epoxy Hardener

|               |                     |   |
|---------------|---------------------|---|
| HAZARD RATING | Health              | 2 |
| 0 = Least     | Flammability        | 1 |
| 1 = Slight    | Reactivity          | 0 |
| 2 = Moderate  | Personal Protection | G |
| 3 = High      |                     |   |
| 4 = Extreme   |                     |   |

## SECTION II - PRODUCT COMPONENTS

| CAS.#                                    | OSHA PEL   | ACGIH TLV               |
|--|------------|-------------------------|
| Benzyl Alcohol                           | 100-51-6   | N.E. <sup>*1</sup> N.E. |
| Isophorone Diamine                       | 2855-13-2  | N.E. N.E.               |
| 1, 5 Pentanediamine, 2 Methyl            | 15520-10-1 | N.E. N.E.               |
| N, Aminoethyl Piperazine                 | 140-31-8   | N.E. N.E.               |
| Diglycidyl Ether Bisphenol A Epoxy Resin | 25085-99-8 | N.E. N.E.               |
| Salicylic Acid                           | 69-72-7    | N.E. N.E.               |

\*1 None Established

T.S.C.A. Status - O.K. on all above components.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                            |  |                                      |       |
|----------------------------|--|--------------------------------------|-------|
| Boiling Point              | 425F   | Specific Gravity (H2O = 1)           | 0.991 |
| Vapor Pressure (mm Hg)     | 0,1  | Melting Point                        | N/A   |
| Vapor Density (AIR = 1)    | N/A  | Evaporation rate (Butyl Acetate = 1) | N/A   |
| Volatile Organic Compounds | 63 g/L                                       |                                      |       |
| Solubility in Water        | Partially soluble.                           |                                      |       |
| Appearance and Odor        | Clear low viscosity liquid. Mild amine odor. |                                      |       |

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

|                                 |      |                  |     |     |
|---------------------------------|------|------------------|-----|-----|
| Flash Point (Closed Cup Method) | 220F | Flammable Limits | LEL | UEL |
|                                 |      |                  | N/A | N/A |

Extinguishing Media Water spray, Foam, CQ, Dry Chemicals.

Special Firefighting Procedures

Wear full protective equipment including self-contained breathing apparatus.

Irritating and/or toxic gases may be generated by fire.

Unusual Fire and Explosion Hazards

Cool storage containers with water spray to prevent pressure build-up that may rupture the containers.

## SECTION V - REACTIVITY DATA

|                                       |   |   |
|---------------------------------------|---|---|
| Stability                             | Unstable  | Conditions to Avoid                       |
|                                       | Stable  | X Keep containers closed when not in use. |
| Incompatibility (Materials to Avoid)  | Strong oxidizers and acids.                                 |   |
| Hazardous Decomposition or Byproducts | By Fire - Carbon monoxide, Carbon dioxide, Nitrogen oxides. |   |
| Hazardous Polymerization              | May Occur   | Conditions to Avoid                       |
|                                       | Will Not Occur  | X Uncontrolled reaction with epoxy resin. |

## SECTION VI - HEALTH HAZARD DATA

|                    |             |       |            |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
|                    | YES         | YES   | YES        |

Signs and Symptoms of Exposure Irritation of skin

Health Hazards (Acute and Chronic)

ACUTE - Irritation of skin and dermatitis.

CHRONIC - Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure.

Persons with lung disorders or who are sensitized should not use this product.

|                  |      |                  |                 |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
|                  | NO   | NO               | NO              |

Medical Conditions

Generally Aggravated by Exposure Allergy, skin disorders.

Emergency and First Aid Procedures

EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.

INHALATION - Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.

INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

## SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

"Provide adequate exhaust ventilation; use a NIOSH approved respirator if PELs/TLVs are exceeded."

|             |               |   |         |             |
|-------------|---------------|---|---------|-------------|
| Ventilation | Local Exhaust | If needed.  | Special | None known. |
|             | Mechanical    | Adequate exhaust ventilation must exhaust AWAY from applicator. |         |             |

Protective Gloves Natural rubber or Neoprene. Eye Protection Splash goggles or face shield.

Other Protective Clothing or Equipment

Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at work area.

Work/Hygienic Practices Enforce careful handling to prevent splashing. Wash thoroughly after use.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.

Waste Disposal Method

Dispose in accordance with Federal, State and Local requirements.

Precautions to be Taken in Handling and Storing

Keep containers tightly closed when not in use.

Other Precautions NONE KNOWN.

Prepared by Samet Dy - Chemist

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Date Prepared 9/1/2008

## SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **DUR-A-GARD-ESD, RESIN- all colors**

COMMON NAME Pigmented Epoxy Resin

|               |                     |   |
|---------------|---------------------|---|
| HAZARD RATING | Health              | 1 |
| 0 = Least     | Flammability        | 1 |
| 1 = Slight    | Reactivity          | 0 |
| 2 = Moderate  | Personal Protection | G |
| 3 = High      |                     |   |
| 4 = Extreme   |                     |   |

## SECTION II - PRODUCT COMPONENTS

| CAS.#                                    | OSHA PEL                  | ACGIH TLV                                 |
|--|---------------------------|---|
| Diglycidyl Ether Bisphenol A Epoxy Resin | 25085-99-8                | N.E. <sup>*1</sup> N.E.                   |
| Aliphatic Glycidyl Ether Diluent         | 68609-97-2                | N.E. N.E.                                 |
| Rutile Titanium Dioxide                  | 13463-67-7                | 10mg/m <sup>3</sup> 10mg/m <sup>3</sup>   |
| Benzyl Alcohol                           | 100-51-600                | N.E. N.E.                                 |
| Mixed Mineral Pigment                    | Proprietary <sup>*2</sup> | 0.5mg/m <sup>3</sup> 0.5mg/m <sup>3</sup> |
| 1-Methoxy-2-Propanol                     | 107-98-2                  | 100ppm 360mg/m <sup>3</sup>               |
| 2-Methoxy-a-Propanol                     | 1589-47-5                 | 100ppm 360mg/m <sup>3</sup>               |
| Inorganic Iron Oxides                    | 1309-37-1                 | 10mg/m <sup>3</sup> 10mg/m <sup>3</sup>   |
| Aliphatic Glycidyl Ether                 | 41638-13-5                | N.E. N.E.                                 |

<sup>\*1</sup>None Established

<sup>\*2</sup>The manufacturer of the component states that they will provide additional information to a health professional in event of a medical emergency.

T.S.C.A Status - O.K. on all above components.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOURS EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                            |   |                                      |      |
|----------------------------|---|--------------------------------------|------|
| Boiling Point              | N/A   | Specific Gravity (H2O = 1)           | 1.55 |
| Vapor Pressure (mm Hg)     | N/A   | Melting Point                        | N/A  |
| Vapor Density (AIR = 1)    | N/A   | Evaporation rate (Butyl Acetate = 1) | N/A  |
| Volatile Organic Compounds | 63 g/L  |                                      |      |
| Solubility in Water        | Slight (methoxy propanol is miscible)               |                                      |      |
| Appearance and Odor        | Pigmented viscous liquid. Mild characteristic odor. |                                      |      |

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

|                                    |  |                  |     |     |
|------------------------------------|--|------------------|-----|-----|
| Flash Point (Closed Cup Method)    | 485F   | Flammable Limits | LEL | UEL |
|                                    |  |                  | N/A | N/A |
| Extinguishing Media                | Water spray, Foam, CQ, Dry Chemicals.  |                  |     |     |
| Special Firefighting Procedures    | Wear full protective equipment including self-contained breathing apparatus.   |                  |     |     |
| Unusual Fire and Explosion Hazards | Cool storage containers with water spray to prevent pressure build-up that may rupture the containers. Combustion products may be toxic. |                  |     |     |

## SECTION V - REACTIVITY DATA

|                                       |  |  |
|---------------------------------------|--|--|
| Stability                             | Unstable   | Conditions to Avoid  |
|                                       | Stable   | X Excess heating over long periods of time degrades the resin. |
| Incompatibility (Materials to Avoid)  | Uncontrolled reaction with amines.                                     |  |
| Hazardous Decomposition or Byproducts | By Fire - Carbon monoxide, Carbon dioxide, Nitrogen oxides, Aldehydes. |  |
| Hazardous Polymerization              | May Occur  | Conditions to Avoid  |
|                                       | Will Not Occur   | X Uncontrolled reaction with amines.                           |

## SECTION VI - HEALTH HAZARD DATA

|                                    |  |                  |                 |
|------------------------------------|--|------------------|-----------------|
| Route(s) of Entry:                 | Inhalation?  | Skin?            | Ingestion?      |
|                                    | YES  | YES              | YES             |
| Signs and Symptoms of Exposure     | Irritation of skin   |                  |                 |
| Health Hazards (Acute and Chronic) | ACUTE - Irritation of skin and dermatitis.<br>CHRONIC - Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure.<br>Persons with lung disorders or who are sensitized should not use this product.   |                  |                 |
| Carcinogenicity:                   | NTP?   | IARC Monographs? | OSHA Regulated? |
|                                    | NO   | NO               | NO              |
| Medical Conditions                 | Generally Aggravated by Exposure Allergy, skin disorders.  |                  |                 |
| Emergency and First Aid Procedures | EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.<br>SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.<br>INHALATION - Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.<br>INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person. |                  |                 |

## SECTION VII - CONTROL MEASURES

|  |  |   |   |
|--|--|---|---|
| Respiratory Protection (Specify Type)  | "Provide adequate exhaust ventilation; use a NIOSH approved respirator if PELS/TLVS are exceeded."   |   |   |
| Ventilation                            | Local Exhaust  | If needed.  | Special None known.                           |
|  | Mechanical   | Adequate exhaust ventilation must exhaust AWAY from applicator. |   |
| Protective Gloves                      | Natural rubber or Neoprene.  |   | Eye Protection Splash goggles or face shield. |
| Other Protective Clothing or Equipment | Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at work area. |   |   |
| Work/Hygienic Practices                | Enforce careful handling to prevent splashing. Wash thoroughly after use.  |   |   |

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

|   |  |  |  |
|---|--|--|--|
| Steps to be Taken in Case Material is Released or Spilled | Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.   |  |  |
| Waste Disposal Method                                     | Dispose in accordance with Federal, State and Local requirements.  |  |  |
| Precautions to be Taken in Handling and Storing           | Keep containers tightly closed when not in use.  |  |  |
| Other Precautions   | NONE KNOWN.  |  |  |
| Prepared by   | Samet Dy - Chemist   |  |  |
|   | *The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use.* |  |  |