



| WHMIS   | PPE   | Transport Symbol |
|---|---|------------------|
|  |  |                  |

Revision Date 28-Sep-2012

Revision Number 3

### 1. PRODUCT AND COMPANY IDENTIFICATION

|                                  |   |
|----------------------------------|---|
| <b>Product Name</b>              | <b>AF-2607 (FL-37 / G-2607)</b>   |
| <b>Product Type</b>              | Water base adhesive .   |
| <b>Manufactured by:</b>          | Dural, a division of Multibond, Inc.<br>550 Marshall Avenue<br>Dorval, Quebec<br>Canada H9P 1C9 |
| <b>Emergency Contact Number</b>  | CANUTEC (613) 996-6666  |
| <b>Telephone for Information</b> | (514) 636-6230  |

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

May cause skin and eye irritation

**Appearance** White

**Physical State** Liquid

**Odor** Mild

|                                      |  |
|--------------------------------------|--|
| <b>OSHA Regulatory Status</b>        | This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)                   |
| <b>Potential Health Effects</b>      |  |
| <b>Principle Routes of Exposure</b>  | Eye contact, Skin contact, Inhalation, Ingestion.  |
| <b>Acute Toxicity</b>                |  |
| <b>Eyes</b>                          | May cause slight irritation.   |
| <b>Skin</b>                          | May cause irritation.  |
| <b>Inhalation</b>                    | May cause irritation.  |
| <b>Ingestion</b>                     | Ingestion may cause stomach discomfort.  |
| <b>Chronic Effects</b>               |  |
| <b>Chronic Toxicity</b>              | Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. |
| <b>Aggravated Medical Conditions</b> | None known   |
| <b>Environmental Hazard</b>          | See Section 12 for additional Ecological Information   |

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>Hazardous Components</b>  |               |                 |
|------------------------------|---------------|-----------------|
| <b>Components</b>            | <b>CAS-No</b> | <b>Weight %</b> |
| Aluminum nitrate nonahydrate | 7784-27-2     | 1 - 6           |

| <b>Component</b>                                    | <b>OSHA PEL</b>                    | <b>ACGIH TLV</b> |
|---|------------------------------------|------------------|
| Aluminum nitrate nonahydrate<br>7784-27-2 ( 1 - 6 ) | (vacated) TWA: 2 mg/m <sup>3</sup> |                  |

**4. FIRST AID MEASURES**

|                           |  |
|---------------------------|--|
| <b>Eye Contact</b>        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.                 |
| <b>Skin Contact</b>       | Wash skin with soap and water. Get medical attention if irritation develops and persists.  |
| <b>Inhalation</b>         | None under normal use. Move to fresh air.  |
| <b>Ingestion</b>          | Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention. |
| <b>Notes to Physician</b> | Treat symptomatically  |

**5. FIRE-FIGHTING MEASURES**

|                                      |   |
|--------------------------------------|---|
| <b>Flammable Properties</b>          | Not flammable   |
| <b>Suitable Extinguishing Media</b>  | Water spray, dry chemical, carbon dioxide (CO <sub>2</sub> ), or foam |
| <b>Hazardous Combustion Products</b> | Carbon oxides, Nitrogen oxides (NOx).                                 |

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

|             |                        |                       |                    |  |
|-------------|------------------------|-----------------------|--------------------|--|
| <b>NFPA</b> | <b>Health Hazard</b> 1 | <b>Flammability</b> 0 | <b>Stability</b> 0 | <b>Physical and Chemical Hazards</b> N/A |
|-------------|------------------------|-----------------------|--------------------|--|

**6. ACCIDENTAL RELEASE MEASURES**

|                                |   |
|--------------------------------|---|
| <b>Personal Precautions</b>    | Wear protective gloves/clothing and eye/face protection   |
| <b>Methods for Containment</b> | Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dike to collect large liquid spills. |
| <b>Methods for Cleaning Up</b> | Pick up and transfer to properly labeled containers   |

**7. HANDLING AND STORAGE**

**Handling** Handle in accordance with good industrial hygiene and safety practice

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep cool and protect from sunlight.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

| Components                   | ACGIH TLV | OSHA PEL                           | NIOSH IDLH               |
|------------------------------|-----------|------------------------------------|--------------------------|
| Aluminum nitrate nonahydrate |           | (vacated) TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> |

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Eye/Face Protection** Eye protection

**Skin and Body Protection** Wear protective gloves/clothing

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                            |                   |                                   |                         |
|----------------------------|-------------------|-----------------------------------|-------------------------|
| <b>Appearance</b>          | White             | <b>Physical State</b>             | Liquid                  |
| <b>Odor</b>                | Mild              | <b>pH</b>                         | 2.5 - 3.5               |
| <b>Flash Point</b>         | Not applicable    | <b>Autoignition Temperature</b>   | Not applicable          |
| <b>Boiling Point/Range</b> | 100 °C            | <b>Melting Point/Range</b>        | Not applicable          |
| <b>Freezing point</b>      | 0 °C              | <b>Flammability Limits in Air</b> | Not applicable          |
| <b>Explosion Limits</b>    | Not applicable    |                                   |                         |
| <b>Specific Gravity</b>    | 1.08              | <b>VOC Content</b>                | <30 g / L               |
| <b>HAPS data</b>           | No data available | <b>Viscosity</b>                  | 4,000 - 5,000 cP @ 25°C |

**10. STABILITY AND REACTIVITY**

**Stability** Stable under recommended storage conditions

**Incompatible Products** Strong oxidizing agents.

**Conditions to Avoid** Do not freeze. Extremes of temperature and direct sunlight.

**Hazardous Decomposition Products** Carbon oxides. Nitrogen oxides (NOx).

**Hazardous Reactions** Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information

**Irritation** Repeated or prolonged exposure may cause irritation of eyes and skin

| Components                   | LD50 Oral          | LD50 Dermal | LC50 Inhalation |
|------------------------------|--------------------|-------------|-----------------|
| Aluminum nitrate nonahydrate | 3671 mg/kg ( Rat ) |             |                 |

**Chronic Toxicity**

**Chronic Toxicity** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

**Carcinogenicity** Contains no ingredient listed as a carcinogen

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** Dispose of contents/container in accordance with local regulation

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL           | Complies        |
| EINECS/ELINCS | Does not Comply |
| ENCS          | Does not Comply |
| IECSC         | Does not Comply |
| KECL          | Does not Comply |
| PICCS         | Does not Comply |
| AICS          | Does not Comply |

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Components                   | CAS-No    | Weight % | SARA 313 - Threshold Values % |
|------------------------------|-----------|----------|-------------------------------|
| Aluminum nitrate nonahydrate | 7784-27-2 | 1 - 6    | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Components                   | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|------------------------------|---------------|------------|--------------|----------|--------------|
| Aluminum nitrate nonahydrate |               |            | X            |          |              |

**International Regulations**

| Components                   | Carcinogen Status | Exposure Limits                  |
|------------------------------|-------------------|----------------------------------|
| Aluminum nitrate nonahydrate |                   | Mexico: TWA= 2 mg/m <sup>3</sup> |

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled



16. OTHER INFORMATION

Revision Date

28-Sep-2012

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**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**