# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>WHMIS</th>
<th>PPE</th>
<th>Transport Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Revision Date** 28-Sep-2012  
**Revision Number** 3

### Product Name
AW-2992 (G-2992)

### Product Type
Water base adhesive.

### Manufactured by:
Dural, a division of Multibond, Inc.  
550 Marshall Avenue  
Dorval, Quebec  
Canada H9P 1C9

### Emergency Contact Number
CANUTEC (613) 996-6666

### Telephone for Information
(514) 636-6230

## 2. HAZARDS IDENTIFICATION

### Emergency Overview
May cause skin and eye irritation

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Liquid</td>
<td>Mild</td>
</tr>
</tbody>
</table>

### OSHA Regulatory Status
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Potential Health Effects

#### Principle Routes of Exposure
Eye contact, Skin contact, Inhalation, Ingestion.

#### Acute Toxicity
- **Eyes**: May cause slight irritation.
- **Skin**: May cause irritation.
- **Inhalation**: May cause irritation.
- **Ingestion**: Ingestion may cause stomach discomfort.

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

### Aggravated Medical Conditions
None known

### Environmental Hazard
See Section 12 for additional Ecological Information
3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any ingredients considered hazardous by OSHA.

4. FIRST AID MEASURES

Eye Contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.

Skin Contact
Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhalation
None under normal use. Move to fresh air.

Ingestion
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.

Notes to Physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable

Suitable Extinguishing Media

Hazardous Combustion Products
Carbon oxides

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

NFPA
Health Hazard 1  Flammability 0  Stability 0  Physical and Chemical Hazards N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear protective gloves/clothing and eye/face protection

Methods for Containment
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dike to collect large liquid spills.

Methods for Cleaning Up
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 cool, well-ventilated place. Keep from freezing. Keep cool and protect from sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
**Exposure Guidelines**
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**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

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Mild</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Boiling Point/Range</strong></td>
<td>100 °C / 212 °F</td>
</tr>
<tr>
<td><strong>Freezing point</strong></td>
<td>0 °C / 32 °F</td>
</tr>
<tr>
<td><strong>Stability</strong></td>
<td>Stable under recommended storage conditions</td>
</tr>
<tr>
<td><strong>Incompatible Products</strong></td>
<td>Strong oxidizing agents.</td>
</tr>
<tr>
<td><strong>Conditions to Avoid</strong></td>
<td>Do not freeze. Extremes of temperature and direct sunlight.</td>
</tr>
<tr>
<td><strong>Hazardous Decomposition Products</strong></td>
<td>Carbon oxides.</td>
</tr>
<tr>
<td><strong>Hazardous Reactions</strong></td>
<td>Hazardous polymerization does not occur</td>
</tr>
</tbody>
</table>

**Physical State**
Physical State: Liquid

**pH**
pH: 4.0 - 6.0

**Autoignition Temperature**
Autoignition Temperature: Not applicable

**Melting Point/Range**
Melting Point/Range: Not applicable

**Flammability Limits in Air**
Flammability Limits in Air: Not applicable

**Specific Gravity**
Specific Gravity: 1.08

**Viscosity**
Viscosity: 8,500 - 9,500 cps

**VOC Content**
VOC Content: <30 g / L

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**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.

**Hazardous Reactions**
Hazardous polymerization does not occur

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**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

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

ENCS
Does not Comply

IECSC
Does not Comply

KECL
Does not Comply

PICCS
Does not Comply

AICS
Complies

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.

SARA 311/312 Hazard Categories
Acute Health Hazard
No

Chronic Health Hazard
No

Fire 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.

International Regulations
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

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