




WHMIS	PPE	Transport Symbol
	 	

Revision Date 12-Oct-2012

Revision Number 7

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** AF-0034 (FR-34)

**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

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance** Off-white

**Physical State** Paste

**Odor** Hydrocarbon-like

**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** Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation** No known hazard by inhalation.

**Ingestion** No known effect based on information supplied.

**Chronic Effects**

**Chronic Toxicity** No known effect

**Aggravated Medical Conditions** None known

**Environmental Hazard** 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>
Calcium Carbonate	1317-65-3	30 - 60

<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Calcium Carbonate 1317-65-3 ( 30 - 60 )	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 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
<b>Skin Contact</b>	Wash skin with soap and water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Rinse mouth with water and afterwards drink plenty of water or milk. Do not induce vomiting.
<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

**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
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**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Wear protective gloves/clothing and eye/face protection
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<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 container tightly closed in a dry and well-ventilated place. Keep from freezing.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate		TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 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>	Off-white	<b>Physical State</b>	Paste
<b>Odor</b>	Hydrocarbon-like	<b>pH</b>	6.5 - 7.5
<b>Flash Point</b>	Not applicable	<b>Autoignition Temperature</b>	Not applicable
<b>Boiling Point/Range</b>	Not applicable	<b>Melting Point/Range</b>	Not applicable
<b>Freezing point</b>	Not applicable	<b>Flammability Limits in Air</b>	Not applicable
<b>Explosion Limits</b>	Not applicable		
<b>Specific Gravity</b>	1.35	<b>VOC Content</b>	<30 g / L
<b>Viscosity</b>	25,000 - 26,000 cps		

**10. STABILITY AND REACTIVITY**

**Stability** Stable under recommended storage conditions

**Incompatible Products** None known based on information supplied

**Conditions to Avoid** Do not freeze.

**Hazardous Decomposition Products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**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 information

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

**Chronic Toxicity**

**Carcinogenicity** No information available for mutagenicity and carcinogenicity potential.

**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**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	Does not Comply
<b>ENCS</b>	Does not Comply
<b>IECSC</b>	Does not Comply
<b>KECL</b>	Does not Comply
<b>PICCS</b>	Does not Comply
<b>AICS</b>	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.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	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
Calcium Carbonate	X		X		X

**International Regulations**

Components	Carcinogen Status	Exposure Limits
Calcium Carbonate		Mexico: TWA= 10 mg/m <sup>3</sup> Mexico: STEL= 20 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**

**Prepared By** Verified by Quality Control Department

**Revision Date** 12-Oct-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**