



WHMIS	PPE	Transport Symbol
		

Revision Date 05-Nov-2012

Revision Number 5

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AF-0036 (FM-36)

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

Appearance White

Physical State Paste

Odor Mild

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

No known effect

Aggravated Medical Conditions

None known

Environmental Hazard

See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components		
Components	CAS-No	Weight %
Calcium Carbonate	1317-65-3	25 - 30
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	1 - 5

Component	OSHA PEL	ACGIH TLV
Calcium Carbonate 1317-65-3 (25 - 30)	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Skin Contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam
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	Prevent further leakage or spillage if safe to do so
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 dry, cool and well-ventilated place

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.

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate		TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³

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

Appearance	White	Physical State	Paste
Odor	Mild	pH	9.0 - 10.0
Flash Point	Not applicable	Autoignition Temperature	Not applicable
Boiling Point/Range	Not applicable	Melting Point/Range	Not applicable
Freezing point	Not applicable	Flammability Limits in Air	Not applicable
Explosion Limits	Not applicable		
Specific Gravity	1.30	VOC Content	<40 g / L
Viscosity	60,000 - 70,000 cps		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions

Incompatible Products Strong oxidizing agents.

Conditions to Avoid None known based on information supplied

Hazardous Decomposition Products Carbon monoxide (CO). Carbon dioxide (CO₂).

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
Solvent naphtha (petroleum), medium aliphatic	5000 mg/kg (Rat)	3000 mg/kg (Rabbit)	5.28 mg/L (Rat) 4 h

Chronic Toxicity

Carcinogenicity Contains no ingredient listed as a carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

Components	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic	EC50 = 450 mg/L 96 h	LC50= 800 mg/L Pimephales promelas 96 h		EC50 > 100 mg/L 48 h

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.

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
Calcium Carbonate	X		X		X

International Regulations

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

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 05-Nov-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