



WHMIS	PPE	Transport Symbol
		

Revision Date 28-Sep-2012

Revision Number 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	AC-2389 (CC-26 / G-2389)
Product Type	Water base adhesive .
Synonyms	Contact 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

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

Appearance Green

Physical State Liquid

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	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

Hazardous Components		
Components	CAS-No	Weight %
Zinc Oxide	1314-13-2	0.1 - 2.0

Component	OSHA PEL	ACGIH TLV
Zinc Oxide 1314-13-2 (0.1 - 2.0)		= 10 mg/m ³ STEL respirable fraction 1 321 1 Zinc oxide

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. Do not induce vomiting.
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
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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
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Storage Keep container tightly closed in a dry and well-ventilated place. Keep from freezing.

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
Zinc Oxide	= 10 mg/m ³ STEL respirable fraction 1 321 1 Zinc oxide		IDLH: 500 mg/m ³ Ceiling: 15 mg/m ³ TWA: 5 mg/m ³ STEL: 10 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	Green	Physical State	Liquid
Odor	Mild	pH	9.0 - 11.0
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	1.04	VOC Content	<30 g / L
Viscosity	600 - 700 cps		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions

Incompatible Products Water-reactive materials. Strong oxidizing agents, strong acids, and strong bases.

Conditions to Avoid Do not freeze.

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
Zinc Oxide	5000 mg/kg (Rat)		

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**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**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**

Prepared By

Verified by Quality Control Department

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

