

Section 1. Identification

Product Name: PROFLEX® PWA 500

Effective Date: 31 May 2015

Replaces: 10 January 2011

Manufacturer Name: PROFLEX® Products, Inc.

Address: 1603 Grove Ave
Haines City, FL 33844

EMERGENCY PHONE: 877-577-6353

Section 2. Hazard(s) Identification

GHS Pictograms:



GHS Signal Word: DANGER

- | | |
|------|---|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |

Precautionary Statements

- | | |
|----------------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264.2 | Wash skin thoroughly after handling. |
| P280 | Wear protective gloves. |
| P284 | In case of inadequate ventilation, wear respiratory protection. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. |
| P302+P352.A | IF ON SKIN: Wash with plenty of water. |
| P304+P341 | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | If exposed or concerned: Get medical advice/attention. |
| P333+P313 | If skin irritation or rash occurs: Get medical attention/advice. |
| P342+P311.A | If experiencing respiratory symptoms: Call a POISON CENTER. |
| P363 | Wash contaminated clothing before reuse. |
| P405 | Store locked up. |
| P501.A | Dispose of contents/container in accordance with applicable regulations. |

Classification System

HMIS rating (scale 0 – 4)	HEALTH	FLAMMABILITY	REACTIVITY
	1	1	0

Other Hazards: None known

Section 3. Composition / Information on Ingredients

Components	CAS #	Weight Percent	OSHA (PEL)	ACGIH (TLV-TWA)
MDI Isocyanate	101-68-8	1-3%	0.02	0.005 ppm
Calcium Carbonate	1317-65-3	35-65%	15 mg/m3	10 mg/m3

Section 4. First Aid Measures**Description of first aid measures**

Eyes: Rinse with water for at least 20 minutes while holding eye open. Seek medical attention immediately.
Skin: Wash with plenty of soap and water. If irritation develops seek medical attention.
Inhalation: Move to fresh air. If breathing is difficult, supply oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention if symptoms persist.
Ingestion: Do not induce vomiting. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Eye irritation
Eye damage

Indication of any immediate medical attention and special treatment needed

No relevant information available.

Section 5. Fire Fighting Measures**Extinguishing media**

Use carbon dioxide (CO₂), dry chemical or water spray.

Specific hazards rising from the substance / mixture

Do not inhale combustion gases.

Advice for firefighters

Use self-contained breathing apparatus and protective clothing.
Do not release extinguishing water into the environment.

Section 6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment.

Environmental Procedures

Prevent entry into water drains, surface water and water supply.

Methods and materials for containment and clean up

Use an absorbing material such as sand or earth. Place into containers and dispose of material in accordance with federal, state and local regulations.

Reference to other sections

Section 7: Handling and Storage
Section 8: Exposure Controls/Personal Protection
Section 13: Disposal Considerations

Section 7. Handling and Storage**Precautions for safe handling**

Use appropriate personal protective equipment (PPE). Avoid skin and eye contact. Ensure adequate ventilation, and avoid inhalation of vapors.

Conditions for storage, including any incompatibilities

Store in a cool, dry, well ventilated area away from sources of ignition. Protect from water and high humidity.
Incompatible materials: None

Specific end use(s)

No information available.

Section 8. Exposure Controls / Personal Protection**Control parameters**

Refer to Section 3.

Individual protection measures

Provide adequate ventilation and use personal protective equipment (PPE).

Individual protection measures

Eye/Face Protection: Safety glasses with side shields or safety goggles.

Skin Protection: Use gloves made of nitrile or rubber or other material resistant to the product. Wear protective work clothing.

Respiratory Protection: Respiratory protection is not normally required when used as directed. If exposure limits are exceeded or irritation occurs, use NIOSH approved respiratory equipment.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Appearance	Paste
Odor	No data available
Odor Threshold	No data available
Color	Brown
pH	No data available
Boiling Point	>300°F
Flash Point	>250°F
Flammability	Not flammable in a liquid state
Viscosity	No data available
Solubility in Water	Insoluble
Evaporation Rate	No data available
Vapor Density	No data available
Vapor Pressure	No data available
VOC	<30.0 g/l
Freezing Point	Undetermined

Other Information: No further relevant information available.

Section 10. Stability and Reactivity**Reactivity**

This product is stable under normal conditions

Chemical Stability

This product is stable under normal conditions

Possibility of hazardous reactions

None are known under normal use.

Conditions to avoid

This product is stable under normal conditions.

Incompatible materials

None.

Hazardous decomposition products

Decomposition by fire may produce carbon dioxide and carbon monoxide.

Section 11. Toxicological Information

Acute toxicity:	Not classified
Skin corrosion / irritation:	May cause irritation.
Serious eye damage / irritation:	May cause irritation.
Sensitization:	May cause sensitization through inhalation. May cause an allergic skin reaction.
Germ Cell Mutagenicity:	No data available.
Reproductive Toxicity:	No data available.
Development Toxicity:	No data available.
Carcinogenicity:	Not classified.
STOT - Single Exposure:	No data available.
STOT - Repeated Exposure:	No data available.
Chronic Toxicity:	Not known.
Target Organ Effects:	Eyes, Respiratory system, Skin.
Aspiration Hazard:	Not classified.

Section 12. Ecological Information**Toxicity**

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

Section 13. Disposal Considerations**Waste treatment methods**

Dispose of material in accordance with local, state and federal regulations.

Section 14. Transport Information**UN Number**

Not applicable.

UN proper shipping name

Not applicable.

Transport Hazard classes

Not applicable. Not regulated in transport.

Packaging group

Not applicable.

Environmental hazards

Environments pollutant: Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Section 15. Regulatory Information

TSCA

All components are listed on the TSCA inventory or are exempt.

SARA

Section 302: Extremely hazardous substances

None of the ingredients are listed.

Section 304: Hazardous substances

101-68-8 4,4-Methylenediphenylene diisocyanate

Section 313: Toxic chemical list

101-68-8 4,4-Methylenediphenylene diisocyanate

USA - State Specific Information

California Proposition 65

Substances Listed

None of the ingredients are listed.

Massachusetts Right to Know

Substances Listed

101-68-8 4,4-Methylenediphenylene diisocyanate
Calcium Carbonate

Pennsylvania Right to Know

Substances Listed

101-68-8 4,4-Methylenediphenylene diisocyanate
Calcium Carbonate

New Jersey Right to Know

Substances Listed

101-68-8 4,4-Methylenediphenylene diisocyanate
Calcium Carbonate

Abbreviations:

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
°C	Celsius temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health
NFPA	National Fire Protection Agency	WHMIS	Workplace Hazardous Materials Information System
NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery Act	TSCA	Toxic Substance Control Act
EC50	Effective Dose	LC50	Lethal Inhalation Concentration
LD50	Lethal Dose	CAS	Chemical Abstract Service Number
LEL	Lower explosive limit	UEP	Upper explosive limit
NDA	No Data Available	ND	Not determined
NE	None established	NA	Not Applicable
≤	Less Than or Equal To	≥	Greater Than or Equal To
CNS	Central Nervous System	CI	China
DSL	Canada	ECL	Korean Existing Chemicals List
EEC	European Economic Commission	ENCS	Japanese Existing and New Chemical List
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content		

ACGIH American Conference of Governmental Industrial Hygienists
SARA Superfund Amendments and Reauthorization Act
AICS Australian Inventory of Chemical Substances
IARC International Agency for Research on Cancer
Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086

Section 16. Other Information

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