

**Section 1. Identification****Product Name:** PROFLEX® ProBond**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****Hazard Statements**

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**

P202 Do not handle until the safety precautions have been read and understood.  
P264.2 Wash skin thoroughly after handling  
P280.1 Wear protective gloves and eye protection.  
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.  
P311.A+P342 If experiencing respiratory symptoms: Call a POISON CENTER.  
P313+P333 If skin irritation or rash occurs: Get medical attention/advice.  
P362+P364 Take off contaminated clothing and wash it before use.  
P405 Store locked up.  
P501 Dispose of contents / container in accordance with local / regional / national / international 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%	0.02	0.005 ppm
Calcium Carbonate	1317-65-3	35-60%	15 mg/m3	10 mg/m3

**Section 4. First Aid Measures**

**Description of first aid measures**

Eyes: Flush with large amounts of cool water for at least 15 minutes while holding eyelid open. Seek medical attention.

Skin: Remove contaminated clothing. Wash the contaminated area with soap and water. If rash or irritation or other symptoms persist, seek medical attention.

Inhalation: Remove to fresh air. If breathing has stopped initiate artificial respiration and obtain immediate medical attention.

Ingestion: Do not induce vomiting. Do not give anything by mouth. Seek immediate medical attention.

**Most important symptoms and effects, both acute and delayed**

Eye irritation  
Eye damage  
Skin irritation  
Erythema

**Indication of any immediate medical attention and special treatment needed**

Seek medical advice and take this safety data information if possible.

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

Pertinent extinguishing media are water and carbon dioxide gas.

**Specific hazards rising from the substance / mixture**

Combustion of this product may yield irritating or toxic gases.

**Advice from fire fighters**

Use self-contained breathing apparatus. Wear protective clothing.  
Do not discharge contaminated extinguishing water into drains.

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

Wear personal protective equipment.

**Environmental Procedures**

Prevent entry into drains and water courses.

**Methods and materials for containment and clean up**

Absorbing material can be used such as dry sand or earth. Collect into containers for disposal.

**Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

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

Avoid skin and eye contact and inhalation of vapors. Do not handle broken packaging without protective equipment.

**Conditions for storage, including any incompatibilities**

Store this product in a cool dry area, out of direct sunlight. Store in a well ventilated area away from all sources of ignition. There are no relevant incompatible materials.

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

Exposure parameters should fall under those listed in Section 3 of this safety data sheet.

**Individual protection measures**

Use in well ventilated areas only to maintain PEL / TLV levels below set exposure limits.

Due to the low V.O.C. nature of this product, respiratory protection is not normally required.

However, if PEL / TLV levels may potentially exceed those listed in Section 3 of this safety data sheet, use NIOSH / MSHA approved respirator.

Eye Protection: Wear safety glasses or goggles as necessary to protect eye.

Skin Contact: Protective gloves are recommended in situations when direct skin contact is unavoidable (nitrile, rubber, or better).

Other Protective Equipment: Use other types of equipment as needed to help minimize contact.

**Section 9. Physical and Chemical Properties**

Appearance and Odor	Tan with a creamy consistency / Low Odor
Solubility in Water	Insoluble
Evaporation Rate (compared to Butyl Acetate as 1.0)	<1.0
Boiling Point	>300°F
pH	N/A
Vapor Density (Air = 1.0)	>1.0
Volatile Organic Content	<30.0g/l
Vapor Pressure	<1 mm Hg @ 75°F / 24°C
Freezing Point	N/E

**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**

No hazardous reactions in particular.

**Conditions to avoid**

This product is stable under normal conditions.

**Incompatible materials**

No incompatible groups noted.

**Hazardous decomposition products**

Decomposition in a fire may produce carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

**Section 11. Toxicological Information****Information on toxicological effects**

Detrimental health effects are not expected as long as correct industrial hygiene and safety protocols are followed.

**Section 12. Ecological Information****Toxicity**

No data available.

**Persistence and degradability**

There is no data on the degradability of this product.

**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.

**Packaging group**

Not applicable.

**Environmental hazards**

Environments pollutant: Not applicable.

Marine pollutant: No

**Section 15. Regulatory Information**

Components	CAS Number	Weight Percent	OSHA (PEL)	ACGIH (TLV-TWA)
MDI Isocyanate	101-68-8	<1%	0.02	0.005 ppm
Calcium Carbonate	1317-65-3	35-60%	15 mg/m3	10 mg/m3

**TSCA**

All components in these products are listed except where written as exempt.

**SARA****Section 302: Extremely hazardous substances**

None listed.

**Section 304: Hazardous substances**

MDI Isocyanate (4,4-Methylenediphenylene diisocyanate) is listed.

**Section 313: Toxic chemical list**

MDI Isocyanate (4,4-Methylenediphenylene diisocyanate) is listed.

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)****Substances listed**

MDI Isocyanate (4,4-Methylenediphenylene diisocyanate) is listed.

**Clean Water Act (CWA)****Substances listed**

No substances listed.

## USA - State Specific Information

### California Proposition 65

#### Substances Listed

No substances listed.

### Massachusetts Right to Know

#### Substances Listed

MDI Isocyanate (4,4-Methylenediphenylene diisocyanate) is listed.

Calcium Carbonate

### Pennsylvania Right to Know

#### Substances Listed

MDI Isocyanate (4,4-Methylenediphenylene diisocyanate) is listed.

Calcium Carbonate

### New Jersey Right to Know

#### Substances Listed

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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