Material Safety Data Sheet

Material Name: Elmer's ProBond Advanced Glue

MSDS ID: ELM-084
Issue Date: 10/17/12
Revision 1.0003

* * * Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION* * *

Material Name: Elmer's ProBond Advanced Glue

Manufacturer Information
Elmer's Products, Inc.
460 Polaris Parkway
Westerville, OH 43082
Emergency Phone Number:
Poison Control Center
1-888-516-2502
For additional product information, access our website at www.elmers.com or call 1-888-435-6377. To place an order, call 1-800-848-9400.

Trade Names/Synonyms
E7501; E7502; E7503; 67501; 67502; E67501TCLS; E67501T; E67502T

Product Use
adhesives

* * * Section 2 - HAZARDS IDENTIFICATION* * *

NFPA Ratings:
Health: 1 Fire: 1 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

EMERGENCY OVERVIEW
Color: gray
Physical Form: liquid
Odor: mild odor

Major Health Hazards: No significant target effects reported.

POTENTIAL HEALTH EFFECTS

Inhalation
Short Term: no information on significant adverse effects
Long Term: no information on significant adverse effects

Skin
Short Term: no information on significant adverse effects
Long Term: no information on significant adverse effects

Eye
Short Term: no information on significant adverse effects
Long Term: no information on significant adverse effects

Ingestion
Short Term: no information on significant adverse effects
Long Term: no information on significant adverse effects

Regulatory Status
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

* * * Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS* * *

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td>Non-hazardous substance</td>
<td>100</td>
</tr>
</tbody>
</table>

* * * Section 4 - FIRST AID MEASURES* * *

Inhalation
If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin
If bonding occurs, immerse the bonded surfaces in warm soapy water. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention, if needed.

Eyes
If bonding to tissues occurs, wash with large amounts of warm water. Cover both eyes with sterile bandages. The eye will open without further action. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention.

Ingestion
If swallowed, get medical attention.

* * * Section 5 - FIRE FIGHTING MEASURES* * *

See Section 9 for Flammability Properties

Flammable Properties
Slight fire hazard.

Extinguishing Media
carbon dioxide, regular dry chemical, regular foam, water

Fire Fighting Measures
Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Hazardous Combustion Products
Combustion: oxides of carbon

Sensitivity to Mechanical Impact
Not sensitive

Sensitivity to Static Discharge
Not sensitive

* * * Section 6 - ACCIDENTAL RELEASE MEASURES* * *

Occupational spill/release
Collect spilled material in appropriate container for disposal.

* * * Section 7 - HANDLING AND STORAGE* * *
Handling Procedures
Wash thoroughly after handling.

Storage Procedures
Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

* * * Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION* * *

Component Exposure Limits
ACGIH, NIOSH, OSHA, and AIHA have not developed exposure limits for any of this product's components.

Ventilation
Based on available information, additional ventilation is not required.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face
Eye protection not required under normal conditions.

Protective Clothing
Protective clothing is not required under normal conditions.

Glove Recommendations
Protective gloves are not required under normal conditions.

Respiratory Protection
No respirator is required under normal conditions of use.

* * * Section 9 - PHYSICAL AND CHEMICAL PROPERTIES* * *

<table>
<thead>
<tr>
<th>Physical State: Liquid</th>
<th>Appearance: gray liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color: gray</td>
<td>Physical Form: liquid</td>
</tr>
<tr>
<td>Odor: mild odor</td>
<td>Odor Threshold: Not available</td>
</tr>
<tr>
<td>pH: Not available</td>
<td>Melting/Freezing Point: 0 °C</td>
</tr>
<tr>
<td>Boiling Point: 100 °C</td>
<td>Flash Point: No data available</td>
</tr>
<tr>
<td>Evaporation Rate: Not available</td>
<td>Vapor Pressure: Not available</td>
</tr>
<tr>
<td>Vapor Density (air = 1): Not available</td>
<td>Density: 9.1</td>
</tr>
<tr>
<td>Specific Gravity (water = 1): 1.09</td>
<td>Water Solubility: miscible</td>
</tr>
<tr>
<td>Coeff. Water/Oil Dist: Not available</td>
<td>Viscosity: Not available</td>
</tr>
<tr>
<td>VOC: 18g/L (SCAQMD Rule 1168)</td>
<td>Volatility: Not available</td>
</tr>
</tbody>
</table>

* * * Section 10 - STABILITY AND REACTIVITY* * *

Chemical Stability
Stable at normal temperatures and pressure.

Conditions to Avoid
Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Materials to Avoid
oxidizing materials
Hazardous Decomposition
Combustion: oxides of carbon
Possibility of Hazardous Reactions
Will not polymerize.

* * * Section 11 - TOXICOLOGICAL INFORMATION* * *

Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and no selected endpoints have been identified.

RTECS Acute Toxicity (selected)
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, OSHA, or NTP.

RTECS Irritation
The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Medical Conditions Aggravated by Exposure
None known.

Tumorigenic
No data available for the mixture.

Mutagenic
No data available for the mixture.

Reproductive Effects
No data available for the mixture.

* * * Section 12 - ECOLOGICAL INFORMATION* * *

Component Analysis - Aquatic Toxicity
No LOLI ecotoxicity data are available for this product's components.

* * * Section 13 - DISPOSAL CONSIDERATIONS* * *

Disposal Methods
Dispose in accordance with all applicable regulations.

Component Waste Numbers
The U.S. EPA has not published waste numbers for this product's components.

* * * Section 14 - TRANSPORT INFORMATION* * *

US DOT Information: No Classification assigned.
TDG Information: No Classification assigned.

* * * Section 15 - REGULATORY INFORMATION* * *

U.S. Federal Regulations
None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA 311/312
Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

U.S. State Regulations
None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.
Not regulated under California Proposition 65

Canada
This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification**
Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

**Canadian Inventory**
All components of this product are listed on either the DSL or the NDSL.

**U.S. Inventory (TSCA)**
All the components of this substance are listed on or are exempt from the inventory.

**Component Analysis - Inventory**
No information available

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### **Section 16 - OTHER INFORMATION**

**Key / Legend**
- ACGIH - American Conference of Governmental Industrial Hygienists
- ADR - European Road Transport
- AU - Australia
- BOD - Biochemical Oxygen Demand
- C - Celsius
- CA - Canada
- CAS - Chemical Abstracts Service
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
- CN - China
- CPR - Controlled Products Regulations
- DFG - Deutsche Forschungsgemeinschaft
- DOT - Department of Transportation
- DSL - Domestic Substances List
- EEC - European Economic Community
- EINECS - European Inventory of Existing Commercial Chemical Substances
- EPA - Environmental Protection Agency
- EU - European Union
- F - Fahrenheit
- IARC - International Agency for Research on Cancer
- IATA - International Air Transport Association
- ICAO - International Civil Aviation Organization
- IDL - Ingredient Disclosure List
- IDLH - Immediately Dangerous to Life and Health
- IMDG - International Maritime Dangerous Goods
- JP - Japan
- Kow - Octanol/water partition coefficient
- KR - Korea
- LEL - Lower Explosive Limit
- LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database
- MAK - Maximum Concentration Value in the Workplace
- MEL - Maximum Exposure Limits
- NFPA - National Fire Protection Agency
- NIOSH - National Institute for Occupational Safety and Health
- NJTSR - New Jersey Trade Secret Registry
- NTP - National Toxicology Program
- NZ - New Zealand
- OSHA - Occupational Safety and Health Administration
- PH - Philippines
- RCRA - Resource Conservation and Recovery Act
- RID - European Rail Transport
- RTECS - Registry of Toxic Effects of Chemical Substances®
- SARA - Superfund Amendments and Reauthorization Act
- STEL - Short-term Exposure Limit
- TDG - Transportation of Dangerous Goods
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- UEL - Upper Explosive Limit
- US - United States

**Other Information**
SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

**New MSDS:** 06/14/2012