



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

Revision Date: 11/30/2020	Supersedes: 05/20/2015	First Issued: 02/19/2004
---------------------------	------------------------	--------------------------

**Section 1. Product and Company Identification**

<b>1.1 Product Identifier</b>	
Trade Name	<b>Wesbond QDA</b>
Product Description and Use	Polymeric Latex
<b>1.2 Relevant identified uses of the substance and restrictions on use</b>	
Use of the substance	Fiber Vacuum Forming Liquid Binder Additive
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company	Wesbond Corporation 1135 East 7 <sup>th</sup> St Wilmington, DE 19801
Telephone	302-655-7917
Fax	302-656-7885
E-mail address	<a href="mailto:sales@wesbond.com">sales@wesbond.com</a>
Web site	<a href="http://www.wesbond.com">www.wesbond.com</a>
Contact	Wes M Jones
Approved by	Wes M Jones
<b>1.4 Emergency telephone number</b>	
US – CHEMTREC (24 hrs)	800-424-9300
CANADA – CANUTEC (24 hrs)	613-996-6666
MSDS and Product Information (0800 – 1630 EST)	302-655-7917



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

<b>Section 2. Hazard Identification</b>	
<b>2.1 Classification of the substance</b>	
	<b>Not a hazardous substance or mixture.</b>
<b>2.2 Label elements</b>	
<b>Signal Word</b>	<b>Not a hazardous substance or mixture.</b>
<b>Pictogram</b>	
<b>Hazard statements</b>	
<b>Precautionary Statements</b>	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents /container in accordance with local/regional/national/international regulations.
<b>2.3 Other hazards</b>	

<b>Section 3. Composition / Information on Ingredients</b>		
<b>3.1 Substance</b>		
Not applicable, this product is a mixture		
<b>3.2 For Mixtures</b>		
<b>Component</b>	<b>CAS Number</b>	<b>Concentration (wt %)</b>
Styrene Butadiene Copolymer	Proprietary	40 – 50%
Water	7732-18-5	balance
The specific chemical identity and/or exact percentage (concentration) has been withheld as a trade secret.		

**Section 4. First Aid Measures**



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

<b>4.1 Description of first aid measures</b>	
<b>General Advice</b>	<ul style="list-style-type: none"> <li>• Show this safety datasheet to the doctor in attendance.</li> <li>• First responder needs to protect herself.</li> <li>• Place affected apparel in a sealed bag for subsequent disposal.</li> </ul>
<b>INHALATION</b>	<ul style="list-style-type: none"> <li>• Negligible or unlikely exposure pathway.</li> <li>• No adverse effects are anticipated from single exposure to vapor.</li> <li>• Mist may cause irritation of upper respiratory tract (nose and throat).</li> <li>• Move to fresh air in case of accidental of vapors.</li> </ul>
<b>SKIN</b>	<ul style="list-style-type: none"> <li>• Brief contact is essentially nonirritating to skin.</li> <li>• Prolonged contact may cause slight skin irritation with local redness. Material may stick to skin causing irritation upon removal.</li> <li>• Prolonged skin contact is unlikely to result in absorption of harmful amounts.</li> </ul>
<b>EYES</b>	<ul style="list-style-type: none"> <li>• May cause slight temporary eye irritation. Corneal injury is unlikely.</li> <li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.</li> <li>• Seek medical advice.</li> </ul>
<b>INGESTION</b>	<ul style="list-style-type: none"> <li>• Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.</li> <li>• Do not induce vomiting without medical advice.</li> <li>• If victim is conscious: rinse mouth with water; keep at rest; do not give anything to drink; do not leave the victim unattended.</li> <li>• Vomiting may occur spontaneously: risk of product entering the lungs on vomiting after ingestion; turn victim on side.</li> <li>• Seek medical advice.</li> </ul>
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
Medical Conditions Possibly Aggravated By Exposure	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
Notes to physician	<ul style="list-style-type: none"> <li>• All treatments should be based on observed signs and symptoms of distress in the patient.</li> <li>• Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.</li> <li>• Treat symptomatically. No specific antidote available.</li> </ul>

<b>Section 5. Fire Fighting Measures</b>	
<b>5.1 Extinguishing Media</b>	
Suitable extinguishing media	To extinguish combustible residues of this product, use water fog, carbon dioxide, dry chemical or foam.
Unsuitable extinguishing media	High volume water jet (frothing possible)



## WesBond Corporation Safety Data Sheet

### Wesbond QDA

<b>5.2 Special hazards arising from the substance or mixture</b>	
Specific hazards during firefighting/ Specific hazards arising from the chemical	<ul style="list-style-type: none"> <li>• This material will not burn unless it is evaporated to dryness.</li> <li>• Under fire conditions, some components of this product may decompose.</li> <li>• The smoke may contain unidentified toxic and/or irritating compounds.</li> <li>• Hazardous combustion products may include and are not limited to: hydrocarbons; carbon monoxide; dense smoke; organic compounds.</li> </ul>
<b>5.3 Advice for firefighters</b>	
Special protective equipment for firefighters	Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance.
Special instructions for firefighters	Keep people away. Isolate fire area and deny unnecessary entry. Containers of this material may build up pressure if exposed to heat (fire). Use a water spray to cool fire-exposed containers.
Further information	<ul style="list-style-type: none"> <li>• Standard procedure for chemical fires.</li> <li>• Collect contaminated fire extinguishing water separately. This must not be discharged into drains.</li> <li>• Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</li> </ul>

<b>Section 6. Accidental Release Measures</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
Personal precautions, protective equipment and emergency procedures	<ul style="list-style-type: none"> <li>• Wear appropriate protective gear for the situation.</li> <li>• For further information see Personal Protection information in Section 8.</li> </ul>
<b>6.2 Environmental precautions</b>	
Environmental and Regulatory Reporting	<ul style="list-style-type: none"> <li>• Do not flush to drain.</li> <li>• Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.</li> </ul>
<b>6.3 Methods and materials for containment and cleaning up</b>	
Recovery	<ul style="list-style-type: none"> <li>• Stop leak if safe to do so.</li> <li>• Contain spillage, soak up with non-combustible absorbent material (e.g., sand, earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13).</li> <li>• Shovel or sweep up. Never return spills to original containers for re-use.</li> <li>• Keep in properly labeled containers. Keep in suitable closed containers for disposal.</li> </ul>
Decontamination/cleaning	<ul style="list-style-type: none"> <li>• Wash non-recoverable remainder with large amounts of water.</li> <li>• Clean contaminated surface thoroughly.</li> </ul>



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

	<ul style="list-style-type: none"> <li>Recover the cleaning water for subsequent disposal.</li> <li>Decontaminate tools, equipment and personal protective equipment in a segregated area.</li> </ul>
Disposal	<ul style="list-style-type: none"> <li>Dispose of in accordance with local regulations.</li> </ul>
Additional advice	<ul style="list-style-type: none"> <li>Material can create slippery conditions.</li> <li>For personal protection see section 8</li> </ul>
<b>6.4 References to other sections</b>	
	7. Handling and Storage 8. Exposure Controls/Personal Protection 13. Disposal Considerations.

<b>Section 7. Handling and Storage</b>	
<b>7.1 Precautions for safe handling</b>	
Technical measures	<ul style="list-style-type: none"> <li>Provide adequate ventilation.</li> </ul>
Advice on safe handling and usage	<ul style="list-style-type: none"> <li>Handle in accordance with good industrial hygiene and safety practice.</li> <li>Avoid breathing vapors and mists.</li> <li>Avoid direct or prolonged contact with skin and eyes. In cold weather, this product may stratify and freeze. This will damage the product. If freezing occurs consider disposing of the material. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.</li> </ul>
Hygiene measures	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: <ol style="list-style-type: none"> <li>Do not store, use and /or consume food, beverages, tobacco products, or cosmetics in areas where this material is stored.</li> <li>Wash hand and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.</li> <li>Wash exposed skin promptly to remove accidental splashes or contact with material.</li> </ol>
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Requirement for storage areas and containers	Store between 4.4°C (40°F) and 43.3°C (110°F). May coagulate if frozen at 0°C (32°F). Material may develop bacteria odor on long-term storage. No safety problems known.
Minimum/Maximum Storage Temperatures	4.4°C (40°F) and 43.3°C (110°F).
Usual Shipping Containers	Drums, pails.
Advice on common storage	No special restrictions on storage with other products
Storage and Handling Materials	Plastic or stainless steel.



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

<b>Section 8. Exposure Controls/Personal Protection</b>			
Introductory Remarks		<p>These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.</p> <p>Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.</p>	
<b>8.1 Control Parameters</b>			
<b>Component</b>	<b>CAS Number</b>	<b>Value</b>	<b>Basis</b>
Styrene Butadiene Copolymer	Proprietary	n/a	PEL-OSHA
Styrene Butadiene Copolymer	Proprietary	n/a	TLV-ACGIH
<b>8.2 Exposure controls</b>			
<b>Engineering Controls</b>			
		<p>Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures:</p> <ul style="list-style-type: none"> <li>• Good general ventilation should be sufficient to control airborne levels of vapors.</li> <li>• Local exhaust ventilation may be necessary for some operations.</li> </ul>	
<b>8.3 Personal Protective Equipment</b>			
<b>Eyes</b>		<ul style="list-style-type: none"> <li>• Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.</li> <li>• Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.</li> </ul>	
<b>Hand protection</b>		<ul style="list-style-type: none"> <li>• Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Chlorinated polyethylene; Polyethylene; Ethyl vinyl alcohol laminate (“EVAL”); Polyvinyl chloride (“PVC” or “vinyl”); Viton. Examples of acceptable glove barrier materials include: Butyl rubber; natural rubber (“latex”); Neoprene; Nitrile/butadiene rubber (“nitrile” or “NBR”).</li> <li>• Avoid gloves made of: Polyvinyl alcohol (“PVA”).</li> <li>• NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace</li> </ul>	



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

	factors such as, but not limited to: Other chemicals which may be handled; potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.
<b>Skin</b>	<ul style="list-style-type: none"> <li>• Impervious clothing.</li> <li>• Footwear protecting against chemicals.</li> </ul>
<b>Respiratory Protection</b>	<ul style="list-style-type: none"> <li>• When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.</li> <li>• For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.</li> </ul>
<b>Personal Hygiene</b>	<p>Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:</p> <ol style="list-style-type: none"> <li>(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.</li> <li>(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.</li> <li>(3) Wash exposed skin promptly to remove accidental splashes or contact with this material.</li> </ol>
<b>Protective measures</b>	<ul style="list-style-type: none"> <li>• The protective equipment must be selected in accordance with current local standards and in cooperation with supplier of the protective equipment.</li> <li>• Ensure that eyewash stations and safety showers are close to the workstation location.</li> <li>• Emergency equipment immediately accessible, with instructions for use.</li> <li>• Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.</li> </ul>
<b>General Hygiene</b>	Equipment in contact with material should be rinsed with water prior to repair and maintenance.

<b>Section 9. Physical and Chemical Properties</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Appearance:	Thick milky white liquid.
Odor:	Slight ammonia odor.
Odor threshold:	No data available.
pH	9.0 to 11.0
Melting/Freezing point	0°C (32°F) (Same as water)
Initial boiling point and boiling range	> 100°C/212°F (Same as water)
Flash point:	No data available.
Evaporation Rate	No data available.



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

Flammability (solid/gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	0.95 – 1.05 (Water = 1.00)
Solubilities	Miscible in water in all proportions.
Partition Coefficient: n-octanol/water	No data available.
Auto-ignition temperature	N/A – water-based product
Decomposition Temperature	No data available.
Viscosity, Dynamic	100 – 1000 cP
Viscosity, Kinematic	No data available.
Explosive Properties	No data available.
Oxidizing Properties	Not classified as oxidizing.
<b>9.2 Other Information</b>	
This safety datasheet contains only information relating to safety and does not replace any product information or product specification.	

<b>Section 10. Stability and Reactivity</b>	
<b>10.1 Reactivity</b>	no data available
<b>10.2 Chemical Stability</b>	This material is stable under normal handling and storage conditions described in Section 7.
<b>10.3 Possibility Of Hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions To Avoid</b>	
Conditions to avoid	Can coagulate if frozen. The dry resin is combustible.
<b>10.5 Incompatible Materials</b>	
Materials to avoid	Addition of chemicals such as acids or multivalent metal salts may cause coagulation.
<b>10.6 Hazardous Decomposition Products</b>	
Hazardous decomposition products	Decomposition products depend upon temperature, air supply, and the presence of other materials.
Thermal decomposition	Will occur.

<b>Section 11. Toxicological Information</b>	
<b>11.1 Likely routes of exposure</b>	





**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

Inhalation	Inhalation not likely.
Skin	Likely mode of exposure.
Eyes	Likely mode of exposure.
Ingestion	Ingestion not likely.
<b>11.2 Symptoms related to the physical, chemical and toxicological characteristics</b>	
Inhalation	No data available.
Skin	No data available.
Eyes	No data available.
Ingestion	No data available.
<b>11.3 Immediate, delayed and chronic effects from short- and long-term exposure</b>	
Chronic effects	This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.
<b>11.4 Numerical measures of toxicity</b>	
Acute Oral Toxicity	No data available
Acute Inhalation Toxicity	No data available
Acute Dermal Toxicity	No data available.
Acute Eye Toxicity	No data available.
Acute Respiratory Irritation	No data available.
Acute Skin Irritation	No data available.
Acute Eye Irritation	No data available
<b>11.5 Carcinogenicity</b>	
	This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) , or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

<b>Section 12. Ecological Information</b>	
<b>12.1 Ecotoxicity</b>	
Aquatic Compartment	No data available.
Ecotoxicity assessment	No data available
<b>12.2 Persistence and degradability</b>	
Biodegradability	No data available.
<b>12.3 Bioaccumulative potential</b>	
Partition coefficient: n-octanol/water	No data available.
<b>12.4 Mobility in soil</b>	
Known distribution to environmental compartments	No data available.
<b>12.5 Results of PBT and vPvB assessment</b>	
Results of PBT and vPvB assessment	No data available.
<b>12.6 Other Adverse Effects</b>	No data available



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

<b>Section 13. Disposal Considerations</b>	
<b>13.1 Waste Disposal Method</b>	
Advice on disposal	<ul style="list-style-type: none"> <li>DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods should be in accordance with municipal, provincial, state, and federal regulations.</li> <li>FOR UNUSED OR UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted recycler, reclaimer, incinerator or other thermal destruction device.</li> <li>NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.</li> </ul>
Waste Code	No data available.
<b>13.2 Contaminated packaging</b>	
Advice	<ul style="list-style-type: none"> <li>Any containers or equipment used should be decontaminated immediately after use. Empty container should be taken to an approved waste handling site for recycling or disposal.</li> </ul>

<b>Section 14. Transport Information</b>	
<b>14.1 UN number</b>	Not applicable
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class</b>	Not regulated.
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	Not applicable

<b>Section 15. Regulatory Information</b>	
<b>15.1 Safety, health and environmental regulations/legislation specific for the substance.</b>	
U.S. TSCA	All components of this product are on the TSCA Inventory or are exempt from the TSCA Inventory requirements under 40 CFR 720.30.
Canadian Domestic substances	No information.



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

List (DSL)	
<b>15.2 US Federal Regulations</b>	
SARA 302	Not subject to SARA 302.
SARA 311/312	Not subject to SARA 311/312.
SARA 313	Not subject to SARA 313.
EPCRA – Emergency Planning and Community Right-To-Know	CERCLA
CERCLA Reportable Quantity	None
SARA 302 Reportable Quantity	None
SARA 304 Reportable Quantity	None
<b>15.3 State Regulations</b>	
California Proposition 65	No data available.

<b>Section 16. Other Information</b>	
<b>HMIS – National Paint &amp; Coating Hazardous Materials Identification System</b>	
<b>0</b>	Health Hazard Rating - Minimal
<b>0</b>	Flammability Rating – Minimal
<b>0</b>	Reactivity Rating - Minimal
<b>B</b>	Personal Protection – Safety Glasses, Gloves
<b>NFPA – National Fire Protection Association Hazard Ratings</b>	
<b>0</b>	Health Hazard Rating - Minimal
<b>0</b>	Flammability Rating – Minimal
<b>0</b>	Instability Rating - Minimal

<b>Abbreviations</b>			
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>CAS</b>	Chemical Abstract Service	<b>OSHA</b>	Occupational Safety and Health Administration
<b>HMIS</b>	National Paint & Coating Hazardous Materials Identification System	<b>SARA</b>	Superfund Amendment and Reauthorization Act
<b>IARC</b>	International Agency for Research on Cancer	<b>PEL</b>	Permissible Exposure Limit
<b>N/A</b>	Not Applicable	<b>TLV</b>	Threshold Limit Value
<b>NFPA</b>	National Fire Protection Association Hazard Ratings	<b>TWA</b>	Time Weighted Average

**The information on this safety data sheet is believed to be accurate and it is the best information available to WesBond Corporation. This document is intended only as a guide to the appropriate precautions for handling a chemical by a person trained in chemical handling. WesBond Corporation makes no warranty of merchantability or any other warranty, express or implied with respect to such information of the product to which it relates, and we assume no liability resulting from the use or handling of the product to which this safety data sheet relates. Users and handlers of this product should make their own investigations to**



**WesBond Corporation  
Safety Data Sheet**

**Wesbond QDA**

---

**determine the suitability of the information provided herein for their own purposes.**