



**WesBond Corporation
Safety Data Sheet**

Wesbond QDA

Revision Date: 05/20/2015	Supersedes: 05/22/2013	First Issued: 02/19/2004
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Section 1. Product and Company Identification

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



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Section 2. Hazard Identification	
2.1 Classification of the substance	
	Not Classified.
2.2 Label elements	
Signal Word	Warning
Pictogram	
Hazard statements	
H316	Causes mild skin irritation.
H320	Causes mild eye irritation.
Precautionary Statements	
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.
2.3 Other hazards	

Section 3. Composition / Information on Ingredients - done		
3.1 Substance		
Not applicable, this product is a mixture		
3.2 For Mixtures		
Component	CAS Number	Concentration (wt %)
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.		



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Section 4. First Aid Measures	
4.1 Description of first aid measures	
General Advice	<ul style="list-style-type: none"> • Show this safety datasheet to the doctor in attendance. • First responder needs to protect herself. • Place affected apparel in a sealed bag for subsequent disposal.
INHALATION	<ul style="list-style-type: none"> • Negligible or unlikely exposure pathway. • No adverse effects are anticipated from single exposure to vapor. • Mist may cause irritation of upper respiratory tract (nose and throat). • Move to fresh air in case of accidental of vapors.
SKIN	<ul style="list-style-type: none"> • Brief contact is essentially nonirritating to skin. • Prolonged contact may cause slight skin irritation with local redness. Material may stick to skin causing irritation upon removal. • Prolonged skin contact is unlikely to result in absorption of harmful amounts.
EYES	<ul style="list-style-type: none"> • May cause slight temporary eye irritation. Corneal injury is unlikely. • Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. • Seek medical advice.
INGESTION	<ul style="list-style-type: none"> • Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. • Do not induce vomiting without medical advice. • If victim is conscious: rinse mouth with water; keep at rest; do not give anything to drink; do not leave the victim unattended. • Vomiting may occur spontaneously: risk of product entering the lungs on vomiting after ingestion; turn victim on side. • Seek medical advice.
4.2 Most important symptoms and effects, both acute and delayed	
Medical Conditions Possibly Aggravated By Exposure	
4.3 Indication of any immediate medical attention and special treatment needed	
Notes to physician	<ul style="list-style-type: none"> • All treatments should be based on observed signs and symptoms of distress in the patient. • Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. • Treat symptomatically. No specific antidote available.

Section 5. Fire Fighting Measures



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5.1 Extinguishing Media	
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)
5.2 Special hazards arising from the substance or mixture	
Specific hazards during firefighting/ Specific hazards arising from the chemical	<ul style="list-style-type: none"> • This material will not burn unless it is evaporated to dryness. • Under fire conditions, some components of this product may decompose. • The smoke may contain unidentified toxic and/or irritating compounds. • Hazardous combustion products may include and are not limited to: hydrocarbons; carbon monoxide; dense smoke; organic compounds.
5.3 Advice for firefighters	
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"> • Standard procedure for chemical fires. • Collect contaminated fire extinguishing water separately. This must not be discharged into drains. • Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6. Accidental Release Measures	
6.1 Personal precautions, protective equipment and emergency procedures	
Personal precautions, protective equipment and emergency procedures	<ul style="list-style-type: none"> • Wear appropriate protective gear for the situation. • For further information see Personal Protection information in Section 8.
6.2 Environmental precautions	
Environmental and Regulatory Reporting	<ul style="list-style-type: none"> • Do not flush to drain. • Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.
6.3 Methods and materials for containment and cleaning up	
Recovery	<ul style="list-style-type: none"> • Stop leak if safe to do so. • 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). • Shovel or sweep up. Never return spills to original containers for re-use.



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	<ul style="list-style-type: none"> Keep in properly labeled containers. Keep in suitable closed containers for disposal.
Decontamination/cleaning	<ul style="list-style-type: none"> Wash non-recoverable remainder with large amounts of water. Clean contaminated surface thoroughly. Recover the cleaning water for subsequent disposal. Decontaminate tools, equipment and personal protective equipment in a segregated area.
Disposal	<ul style="list-style-type: none"> Dispose of in accordance with local regulations.
Additional advice	<ul style="list-style-type: none"> Material can create slippery conditions. For personal protection see section 8
6.4 References to other sections	
	7. Handling and Storage 8. Exposure Controls/Personal Protection 13. Disposal Considerations.

Section 7. Handling and Storage	
7.1 Precautions for safe handling	
Technical measures	<ul style="list-style-type: none"> Provide adequate ventilation.
Advice on safe handling and usage	<ul style="list-style-type: none"> Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors and mists. 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.
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"> Do not store, use and /or consume food, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hand and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with material.
7.2 Conditions for safe storage, including any incompatibilities	
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.



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Advice on common storage	No special restrictions on storage with other products
Storage and Handling Materials	Plastic or stainless steel.

Section 8. Exposure Controls/Personal Protection			
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>	
8.1 Control Parameters			
Component	CAS Number	Value	Basis
Styrene Butadiene Copolymer	Proprietary	n/a	PEL-OSHA
Styrene Butadiene Copolymer	Proprietary	n/a	TLV-ACGIH
8.2 Exposure controls			
Engineering Controls			
		<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"> • Good general ventilation should be sufficient to control airborne levels of vapors. • Local exhaust ventilation may be necessary for some operations. 	
8.3 Personal Protective Equipment			
Eyes		<ul style="list-style-type: none"> • 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. • 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. 	
Hand protection		<ul style="list-style-type: none"> • 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 	



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	<p>(“latex”); Neoprene; Nitrile/butadiene rubber (“nitrile” or “NBR”).</p> <ul style="list-style-type: none"> • Avoid gloves made of: Polyvinyl alcohol (“PVA”). • 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 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.
Skin	<ul style="list-style-type: none"> • Impervious clothing. • Footwear protecting against chemicals.
Respiratory Protection	<ul style="list-style-type: none"> • 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. • For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.
Personal Hygiene	<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"> (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.
Protective measures	<ul style="list-style-type: none"> • The protective equipment must be selected in accordance with current local standards and in cooperation with supplier of the protective equipment. • Ensure that eyewash stations and safety showers are close to the workstation location. • Emergency equipment immediately accessible, with instructions for use. • 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.
General Hygiene	<p>Equipment in contact with material should be rinsed with water prior to repair and maintenance.</p>

Section 9. Physical and Chemical Properties	
9.1 Information on basic physical and chemical properties	
Appearance:	Thick milky white liquid.
Odor:	Slight ammonia odor.
Odor threshold:	Not Available
pH	9.0 to 11.0



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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:	N/A – water-based product
Evaporation Rate	No data available.
Flammability (solid/gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	17.5 mm Hg @ 68° F (20° C)
Vapor density	> 1 (Air = 1).
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	< 150 mPa.s
Viscosity, Kinematic	No data available.
Explosive Properties	No data available.
Oxidizing Properties	Not classified as oxidizing.
9.2 Other Information	
This safety datasheet contains only information relating to safety and does not replace any product information or product specification.	

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



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Section 11. Toxicological Information	
11.1 Likely routes of exposure	
Inhalation	Inhalation not likely.
Skin	Likely mode of exposure.
Eyes	Likely mode of exposure.
Ingestion	Ingestion not likely.
11.2 Symptoms related to the physical, chemical and toxicological characteristics	
Inhalation	Mists may cause respiratory tract irritation.
Skin	Irritant.
Eyes	Irritant.
Ingestion	No data available.
11.3 Immediate, delayed and chronic effects from short- and long-term exposure	
Chronic effects	This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.
11.4 Numerical measures of toxicity	
Acute Oral Toxicity	No data available
Acute Inhalation Toxicity	No data available
Acute Dermal Toxicity	Prolonged or repeated contact may cause minor skin irritation.
Acute Eye Toxicity	Styrene-Butadiene Copolymer: Mild reaction at a dose of 500 mg/24H (rabbit) (RTECS).
Acute Respiratory Irritation	No test data found for product
Acute Skin Irritation	Does not cause skin sensitization.
Acute Eye Irritation	No data available
11.5 Carcinogenicity	
	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.

Section 12. Ecological Information	
12.1 Ecotoxicity	
Aquatic Compartment	No bioconcentration of the polymeric component is expected because of it high molecular weight. Latex dispersions will color water a milky white.
Ecotoxicity assessment	No data available
12.2 Persistence and degradability	
Biodegradability	The polymeric component is not expected to biodegrade.
12.3 Bioaccumulative potential	
Partition coefficient: n-octanol/water	No data available.
12.4 Mobility in soil	



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Known distribution to environmental compartments	<ul style="list-style-type: none"> • Ultimate destination of the material: water. • Ultimate destination of the material: sediment
12.5 Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	No data available.
12.6 Other Adverse Effects	No data available

Section 13. Disposal Considerations	
13.1 Waste Disposal Method	
Advice on disposal	<ul style="list-style-type: none"> • 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. • FOR UNUSED OR UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted recycler, reclaimer, incinerator or other thermal destruction device. • 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.
Waste Code	No data available.
13.2 Contaminated packaging	
Advice	<ul style="list-style-type: none"> • 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.

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



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Section 15. Regulatory Information	
15.1 Safety, health and environmental regulations/legislation specific for the substance.	
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 List (DSL)	No information.
15.2 US Federal Regulations	
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
15.3 State Regulations	
California Proposition 65	This material contains a chemical known to the State of California to cause cancer – 4-vinylcyclohexene.

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

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



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