



**WesBond Corporation
Safety Data Sheet**

Wesbond AF2024

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| Revision Date: n/a | Supersedes: n/a | First Issued: 05/29/2024 |
|--------------------|-----------------|--------------------------|

| Section 1. Product and Company Identification | |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1.1 Product Identifier | |
| Trade Name | Wesbond AF2024 |
| Product Description and Use | Antifoam Agent |
| 1.2 Relevant identified uses of the substance and restrictions on use | |
| Use of the substance | Antifoam |
| 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 | |
| Classification (GHS) | Not a hazardous substance or mixture. |
| 2.2 Label elements | |
| Labelling (GHS) | No labeling according to GHS required. |
| Hazard statements | |
| 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 | |
| | No data available |

| Section 3. Composition / Information on Ingredients | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 3.1 Chemical characterization (preparation) | |
| Chemical characteristics | Polydimethylsiloxane + auxiliary + water |
| 3.2 Information on ingredients: | |
| This material does not contain any ingredients above the permitted limit(s). | |
| Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product. Specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret. | |
| This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above $\geq 0.1\%$. | |



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| Section 4. First Aid Measures | |
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| 4.1 General Information | |
| | Get medical attention if irritation occurs or if breathing becomes difficult. |
| 4.2 After inhalation | |
| | Material cannot be inhaled under normal conditions. No special treatment required. |
| 4.3 After contact with the skin | |
| | After skin contact wipe off excess material with cloth or paper. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water. |
| 4.4 After contact with the eye | |
| | If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min. Get medical attention if irritation occurs. |
| 4.5 After swallowing | |
| | No special measures are required after swallowing. |
| 4.6 Advice for the physician | |
| | Treat symptomatically |

| Section 5. Fire Fighting Measures | | |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 5.1 Flammable Properties | | |
| Property | Value | Method |
| Flash Point | not applicable | |
| Boiling point / boiling range | 100.00 °C (212 °F) | |
| Lower explosion limit (LEL) | not applicable | |
| Upper explosion limit (UEL) | not applicable | |
| Ignition temperature | not applicable | |
| 5.2 Fire and Explosion Hazards | | |
| | Material does not burn. This material does not present any unusual fire or explosion hazards | |
| 5.3 Recommended Extinguishing Media | | |
| | Use extinguishing measures appropriate to the source of fire. | |
| 5.4 Unsuitable Extinguishing Media | | |
| | None | |
| 5.5 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases | | |
| | Hazardous decomposition products: carbon dioxide , carbon monoxide , silicon dioxide , formaldehyde and incompletely burnt hydrocarbons | |



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| 5.6 Fire Fighting Procedures | |
| | Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water. |

Section 6. Accidental Release Measures

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| 6.1 Precautions | |
| | Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material. HAZWOPER PPE Level: D |

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| 6.2 Containment | |
| | Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802. |

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| 6.3 Methods for cleaning up | |
| | Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction. |

Section 7. Handling and Storage

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| 7.1 General information | |
| | Always stir well before use. |
| 7.2 Handling | |
| Precautions for safe handling: | Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled |



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| | substance increases risk of slipping. Observe information in section 8. |
| Precautions against fire and explosion | Observe the general rules for fire prevention. |
| 7.3 Storage | |
| Conditions for storage rooms and vessels | Observe local/state/federal regulations. |
| Advice for storage of incompatible materials | Observe local/state/federal regulations. |
| Further information for storage | Store in a dry and cool place. Protect against sun. Protect against frost. |
| Minimum temperature allowed during storage and transportation | 0 °C (32 °F) Do not allow this material to freeze. |
| Maximum temperature allowed during storage and transportation | 35 °C (95 °F) Temperature limit to maintain product quality. |

| Section 8. Exposure Controls/Personal Protection | | | | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|-------|
| 8.1 Engineering Controls | | | | |
| Ventilation | Use with adequate ventilation. | | | |
| Local exhaust | No special ventilation required | | | |
| 8.2 Associate substances with specific control parameters such as limit values | | | | |
| Component | CAS Number | Value | Control Parameters | Basis |
| None | | | | |
| 8.2 Exposure controls | | | | |
| Engineering Controls | | | | |
| | 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: Effective exhaust ventilation system. | | | |
| 8.3 Personal Protective Equipment | | | | |
| Respiratory protection | Respiratory protection is not normally required. | | | |
| Hand protection | Any liquid-tight rubber or vinyl gloves. | | | |
| Eye protection | Safety glasses with side shields or chemical safety goggles. | | | |
| Other protective clothing or equipment | Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower. | | | |



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| 8.4 General hygiene and protection measures | |
| | Avoid breathing dust/vapor/mist/gas/aerosol. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when handling. |

Section 9. Physical and Chemical Properties

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| 9.1 Appearance | |
| Physical state / form | Liquid |
| Color | White |
| Odor | Similar to acetic acid (vinegar). |
| 9.2. Safety Parameters | |
| Melting point / melting range | Not determined |
| Boiling point / boiling range | 100.00 °C (212 °F) |
| Flash point | not applicable |
| Ignition temperature | not applicable |
| Lower explosion limit (LEL) | not applicable |
| Upper explosion limit (UEL) | not applicable |
| Vapor pressure | Not determined |
| Density | 1.02 g/cm ³ |
| Water solubility / miscibility | completely miscible |
| pH-Value | Not determined |
| Viscosity (dynamic) | Not determined |
| 9.3 Other Information | |
| Odor limit | No data available |
| Thermal decomposition | Not determined |

Section 10. Stability and Reactivity

| | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1 General information | If stored and handled in accordance with standard industrial practices no hazardous reactions are known. |
| 10.2 Conditions to avoid | None |
| 10.3 Materials to avoid | None known. |
| 10.4 Hazardous Decomposition Products | If stored and handled properly: none known . The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures |



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| | above about 150 °C (302 °F) through oxidation. |
| 10.5 Further information | Hazardous polymerization cannot occur |

| Section 11. Toxicological Information | |
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| 11.1 Information on toxicological effects | |
| Inhalation | Inhalation not likely. |
| Skin | Likely mode of exposure. |
| Eyes | Likely mode of exposure. |
| Ingestion | Ingestion not likely. |
| 11.1.1 Acute toxicity | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.2 Skin corrosion/irritation | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.3 Serious eye damage / eye irritation | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.4 Respiratory or skin sensitization | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.5 Germ cell mutagenicity | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.6 Carcinogenicity | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.7 Reproductive toxicity | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.8 Specific target organ toxicity (single exposure) | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.9 Specific target organ toxicity (repeated exposure) | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.10 Aspiration hazard | |
| Assessment | For this endpoint no toxicological test data is available for the whole product. |
| 11.1.11 Further toxicological information | |
| | No component of this product present at levels greater than or equal to 0.1% |



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| | is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. |
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| Section 12. Ecological Information | |
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| 12.1 Ecotoxicity | |
| Ecotoxicity assessment | Based on available data no acute effects on aquatic organisms that are relevant for classification must be expected for the product up to its limits of water solubility. According to current knowledge adverse effects on water purification plants are not expected. |
| 12.2 Persistence and degradability | |
| Assessment: | Silicone content: biologically not degradable. Elimination by adsorption to activated sludge. |
| 12.3 Bioaccumulative potential | |
| Assessment: | Bioaccumulation is not expected to occur. |
| 12.4 Mobility in soil | |
| Assessment: | For the product as a whole, no test data is available. |
| 12.5 Other Adverse Effects | |
| | None known. |

| Section 13. Disposal Considerations | |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.1 Waste Disposal Method | |
| Recommendation | Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.. |
| 13.2 Contaminated packaging | |
| Recommendation | Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material. |

| Section 14. Transport Information |
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| 14.1 US DOT & CANADA TDG SURFACE |



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| Valuation | Not regulated for transport |
| Other Information | Protect from freezing, when exposed to cold temperatures approaching 0 °C (32 °F) or below. |
| 14.2 Transport by sea IMDG-Code | |
| Valuation | Not regulated for transport |
| 14.3 Air transport ICAO-TI/IATA-DGR | |
| Valuation | Not regulated for transport |

| Section 15. Regulatory Information | | | |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| 15.1 US Federal Regulations | | | |
| TSCA inventory status and TSCA information | This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. | | |
| TSCA 12(b) Export Notification: | This material does not contain reportable amounts of any TSCA 12(b) listed chemicals. | | |
| CERCLA Regulated Chemicals: | This material does not contain any CERCLA regulated chemicals | | |
| SARA 302 EHS Chemicals | This material does not contain any SARA extremely hazardous substances. | | |
| SARA 311/312 Hazard Class | This product does not present any SARA 311/312 hazards. | | |
| SARA 313 Chemicals | This material does not contain any SARA 313 chemicals above de minimus levels. | | |
| HAPS (Hazardous Air Pollutants) | CAS No. 123-91-1 75-21-8 | Chemical 1,4-dioxane Ethylene oxide | Upper limit wt. % <=0.0016 <=0.0016 |
| 15.2 US State Regulations | | | |
| California Proposition 65 Carcinogens | This material does not contain any chemicals known to the State of California to cause cancer. This material does not contain any chemicals known to the State of California to cause reproductive effects. | | |
| Massachusetts Substance List | 7631-86-9 | Silica, amorphous | |
| Pennsylvania Right-to-Know Hazardous Substance List | 7631-86-9 | Silica, amorphous | |
| 15.3 Details of international registration status | | | |
| Japan | ENCS (Handbook of Existing and New Chemical Substances) This product is listed in, or complies with, the substance inventory. | | |
| Australia | AIRC (Australian Inventory of Industrial Chemicals): This product is listed in, or complies with, the substance inventory. | | |
| People's Republic of China | IECSC (Inventory of Existing Chemical Substances in China): This product is listed in, or complies with, the substance inventory. | | |



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| Canada | DSL (Domestic Substance List): This product is listed in, or complies with, the substance inventory. |
| Philippines | PICCS (Philippine Inventory of Chemicals and Chemical Substances): This product is listed in, or complies with, the substance inventory. |
| USA | TSCA (Toxic Substance Control Act Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory. |
| Taiwan | TCSI (Taiwan Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory. General note: Taiwan REACH requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation. |
| European Economic Area (EEA) | REACH (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter. |
| South Korea (Republic of Korea) | AREC (Act on Registration and Evaluation of Chemicals; "K-REACH"): Please approach your regular contact for more detailed information. |

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

| 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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This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

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.