# MATERIAL SAFETY DATA SHEET

Sales Order: {SalesOrd}

## J3901 AWLBRITE QUIK-FIL

MSDS Revision No: E1 -0
MSDS Revision Date: 05/25/2005

Akzo Nobel Coatings
Awlgrip North America
2270 Morris Avenue
P. O. Box 386
Union, NJ 07083

**EMERGENCY NUMBERS:**

| | |
|---|---|
| (800) 424-9300 | CHEMTREC (USA) |
| (703) 527-3887 | CHEMTREC (Intl) |
| (800) 854-6813 | Poison Control Center |
| **CUSTOMER SERVICE:** | (Non-Emergency) |
| (888) 355-3090 | AWLGRIP (Phone) |
| (908) 686-1752 | AWLGRIP (Fax) |

## 1. GENERAL INFORMATION

**Product Identity:** J3901 AWLBRITE QUIK-FIL

**Bulk Sales Reference No:** OJ3901

**IMPORTANT:** Read this MSDS before handling or disposing of this product, and provide this information to the employee, customers, and users of this product. PLEASE NOTE THE MSDS REVISION NUMBER AT THE TOP OF THIS PAGE. If the MSDS Revision Number posted at the top of this page does not match the MSDS Revision Number on the product label, please contact Customer Service at the phone number included above for the correct MSDS. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard.
**NOTICE:** OSHA hazardous chemicals are listed in Section 2 if present at 1% or more. Carcinogens and extraordinarily/special hazardous chemicals are listed in Section 2 if present at .1% or more. Additional regulatory information for specific chemical categories is included in Section 15.

## 2. HAZARDOUS INGREDIENT INFORMATION

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|---|---|---|---|
| 000078-83-1 | Isobutyl alcohol<br>1.0 - 10% by Weight | OSHA: | 100 ppm TWA; 300 mg/m3 TWA |
| | | ACGIH: | 50 ppm TWA |
| | | NIOSH: | 50 ppm TWA; 150 mg/m3 TWA1600 ppm IDLH |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | 50 ppm TWAEV; 150 mg/m3 TWAEV |
| | | Mexico: | 50 ppm TWA; 150 mg/m3 TWA75 ppm STEL; 225 mg/m3 STEL |
| | | Brazil: | 40 ppm TWA; 115 mg/m3 TWA |
| | | **Source** | **Health Data** |
| | | NIOSH: | Narcotic effects; mild irritation of the skin eyes |
| | | **Source** | **Carcinogen Data** |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No |

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|---|---|---|---|
| | | OSHA: | No Established Limit |
| | | ACGIH: | No Established Limit |

| | | | |
|---|---|---|---|
| 000095-63-6 | Pseudocumene<br>1.0 - 10% by Weight | NIOSH: | 25 ppm TWA; 125 mg/m3 TWA |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | No Established Limit |
| | | Mexico: | No Established Limit |
| | | Brazil: | No Established Limit |
| | | **Source** | **Health Data** |
| | | NIOSH: | No Established Limit |
| | | **Source** | **Carcinogen Data** |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No;<br>Group 2b: No; Group 3: No; Group 4: No |

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|---|---|---|---|
| 000108-67-8 | TRIMETHYLBENZENE<br>1.0 - 10% by Weight | OSHA: | No Established Limit |
| | | ACGIH: | No Established Limit |
| | | NIOSH: | 25 ppm TWA; 125 mg/m3 TWA |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | No Established Limit |
| | | Mexico: | No Established Limit |
| | | Brazil: | No Established Limit |
| | | **Source** | **Health Data** |
| | | NIOSH: | No Established Limit |
| | | **Source** | **Carcinogen Data** |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No;<br>Group 2b: No; Group 3: No; Group 4: No |

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|---|---|---|---|
| 001330-20-7 | Xylenes (o-, m-, p- isomers)<br>1.0 - 10% by Weight | OSHA: | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | ACGIH: | 100 ppm TWA150 ppm STEL |
| | | NIOSH: | No Established Limit |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | 100 ppm TWAEV; 435 mg/m3 TWAEV150 ppm STEV; 650 mg/m3 STEV |
| | | Mexico: | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | Brazil: | 78 ppm TWA; 340 mg/m3 TWA |
| | | **Source** | **Health Data** |
| | | NIOSH: | Central nervous system depressant; respiratory and eye irritation |
| | | **Source** | **Carcinogen Data** |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No;<br>Group 2b: No; Group 3: Yes; Group 4: No |

| CAS No. | Ingredient Name & % | Source | Exposure Data |
|---|---|---|---|
| 064742-95-6 | Petroleum naphtha, light aromatic 1.0 - 10% by Weight | OSHA: | No Established Limit |
| | | ACGIH: | No Established Limit |
| | | NIOSH: | No Established Limit |
| | | Supplier: | No Established Limit |
| | | OHSA, CAN: | No Established Limit |
| | | Mexico: | No Established Limit |
| | | Brazil: | No Established Limit |
| | | **Source** | **Health Data** |
| | | NIOSH: | No Established Limit |
| | | **Source** | **Carcinogen Data** |
| | | OSHA: | Select Carcinogen: No |
| | | NTP: | Known Carcinogen: No; Suspected Carcinogen: No |
| | | IARC: | Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No |

## 3. HAZARD IDENTIFICATION

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| **Overview:** | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. Contains 1,2,4-Trimethylbenzene which can cause central nervous system depression, anemia and bronchitis. |
| **Inhalation:** | May be harmful or fatal if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea. |
| **Eyes:** | Causes severe eye irritation. Do not get in eyes. |
| **Skin:** | Causes skin irritation. May be harmful if absorbed through the skin. |
| **Ingestion:** | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |
| **Chronic Effects:** | Contains an ingredient which can cause organ damage (See Section 2 and Section 15 for each ingredient). Cancer hazard. Contains an ingredient which can cause cancer (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. |
| **HMIS Rating:** | Health: Unknown Flammability: Unknown Reactivity: Unknown |

## 4. FIRST AID MEASURES

| | |
|---|---|
| **General:** | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| **Inhalation:** | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| **Eyes:** | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| **Skin:** | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| **Ingestion:** | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

## 5. PROTECTIVE EQUIPMENT AND CONTROL MEASURES

| | |
|---|---|
| | Select equipment to provide protection from the ingredients listed in Section 2 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M |

| | |
|---|---|
| **Respiratory:** | RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet. |
| **Eyes:** | Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| **Skin/Hand:** | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| **Engineering Controls:** | Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. |
| **Other Work Practices:** | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water. |

## 6. FIRE AND EXPLOSION INFORMATION

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|---|---|
| **Flash Point:** | F: 80<br>C: 27 |
| **Lower Explosive Limit (LEL):** | 1 (%vol in air) at Normal Atmospheric Temp and Pressure |
| **Fire and Explosion Hazards:** | Flammable liquid and vapor. FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated. |
| **Fire Fighting Procedures:** | CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO2, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.<br>**Also Reference Emergency Response Guide Number:** 127 |

## 7. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| **Physical State:** | Liquid |
| **pH:** | No Established Limit |
| **Specific Gravity:** | 1.035004 |
| **Boiling Point (F):** | 279 |
| **Vapor Density:** | Heavier than air |
| **VOC Content (lbs):** | Refer to the Technical Data Sheet for this product. |
| **Evaporation Rate:** | Slower than ether |

## 8. STABILITY AND REACTIVITY DATA

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|---|---|
| **General:** | This product is stable and hazardous polymerization will not occur. |
| **Incompatible Materials:** | Strong oxidizing agents. |
| **Hazardous Decompostion:** | May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide. |

## 9. HANDLING AND STORAGE

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| **Storage Temperature:** | Store between 32 and 120 F |
| **Handling and Storage Precautions:** | Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after handling. |

## 10. TOXICOLOGICAL DATA

| | |
|---|---|
| **General:** | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Section 2 for chemical specific data. |

## 11. ECOLOGICAL DATA

| | |
|---|---|
| **General:** | No additional information provided for this product. See Section 2 for chemical specific data. |

## 12. ACCIDENTAL RELEASE MEASURES

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|---|---|
| **Spill Response Procedures:** | ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material. |
| **Public Safety:** | CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).<br>**Also, Reference Emergency Response Guide Number: 127** |

## 13. DISPOSAL CONSIDERATION

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|---|---|
| **Waste Disposal:** | Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed). |

## 14. TRANSPORTATION INFORMATION

| **DOT (Domestic Surface Transportation)** | | **IMO / IMDG (Ocean Transportation)** | |
|---|---|---|---|
| **DOT Proper Shipping Name:** | | **IMDG Proper Shipping Name:** | |
| PAINT | | PAINT | |
| **DOT Hazard Class:** | 3 | **IMDG Hazard Class:** | 3.3 - High flashpoint flammable liquids |
| **UN / NA Number:** | UN 1263 | **UN Number:** | UN 1263 |
| **DOT Packing Group:** | III | **IMDG Packing Group:** | III |
| **CERCLA/DOT RQ:** | 595 gal. / 5132 lbs. | **System Reference Code:** | 1 |

## 15. REGULATORY INFORMATION

| | |
|---|---|
| **Regulatory Overview:** | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.<br>**Note:** Any chemical ingredients listed in Section 15, that do not also appear in Section 2, are contained in the product at a concentration below the applicable OSHA threshold level of 1% or 0.1%. |
| **WHMIS Classification:** | No Established Limit |

| **Regulatory List** | **Product Ingredients on List** |
|---|---|
| **DOT Marine Pollutants (10%):** | |
| **(No Product Ingredients Listed)** | |
| **DOT Severe Marine Pollutants (1%):** | |
| **(No Product Ingredients Listed)** | |
| **EPCRA 311/312 Chemicals and RQs (>.1%) :** | |
| 000098-82-8 | Cumene : 5000 lb final RQ; 2270 kg final RQ |
| 000078-83-1 | Isobutyl alcohol : 5000 lb final RQ; 2270 kg final RQ |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) : 100 lb final RQ; 45.4 kg final RQ |
| **EPCRA 302 Extremely Hazardous (>.1%) :** | |
| **(No Product Ingredients Listed)** | |
| **EPCRA 313 Toxic Chemicals (>.1%) :** | |
| 000098-82-8 | Cumene |
| 000095-63-6 | Pseudocumene |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **Mass RTK Substances (>1%) :** | |
| 000078-83-1 | Isobutyl alcohol |
| 000095-63-6 | Pseudocumene |
| 000108-67-8 | TRIMETHYLBENZENE |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **Mass Extraordinarily Haz Sub (>.01%) :** | |
| 000050-00-0 | Formaldehyde |
| **Penn RTK Substances (>1%) :** | |
| 000078-83-1 | Isobutyl alcohol |
| 000095-63-6 | Pseudocumene |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **Penn Special Hazardous Substances (>.01%) :** | |
| 000050-00-0 | Formaldehyde |
| **Rhode Island Hazardous Substances (>.1%) :** | |
| 000098-82-8 | Cumene |
| 000078-83-1 | Isobutyl alcohol |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **RCRA Status (>.01%) :** | |
| **(No Product Ingredients Listed)** | |
| **N.J. RTK Substances (>1%) :** | |
| 000078-83-1 | Isobutyl alcohol |
| 000095-63-6 | Pseudocumene |
| 000108-67-8 | TRIMETHYLBENZENE |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **N.J. Special Hazardous Substances (>.01%) :** | |
| 000098-82-8 | Cumene |
| 000050-00-0 | Formaldehyde |
| 000078-83-1 | Isobutyl alcohol |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **N.J. Env. Hazardous Substances (>.1%) :** | |
| 000098-82-8 | Cumene |
| 000095-63-6 | Pseudocumene |
| 001330-20-7 | Xylenes (o-, m-, p- isomers) |
| **Proposition 65 - Carcinogens (>0%):** | |
| 000050-00-0 | Formaldehyde |
| **Proposition 65 - Female Repro Toxins (>0%):** | |
| **(No Product Ingredients Listed)** | |
| **Proposition 65 - Male Repro Toxins (>0%):** | |
| **(No Product Ingredients Listed)** | |

**Proposition 65 - Developmental Toxins (>0%):**
**(No Product Ingredients Listed)**

## 16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

**End Of Document**