Safety Data Sheet

Issued: September 1st, 2015

WolfBite Premium Heatbed Adhesion Solution for ABS

SECTION 1, IDENTIFICATION

Product Part Number:	WOLFBITE2
Manufacturer:	Wolf & Associates, Inc. DBA Airwolf 3D
Address:	130 McCormick Ave, Suite 105, Costa Mesa, CA 92626
Phone Number:	949-545-8113
Recommended Use:	3D Printing/additive manufacturing heated bed adhesion solution.
Restrictions on Use:	For use with 3D printers only.

SECTION 2, HAZARD IDENTIFICATION

Ingestion:	Not expected to be harmful under normal conditions of use.
Inhalation:	Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat, and lungs.
Skin:	May cause irritation on prolonged or repeated contact.
Eyes:	May cause irritation on prolonged or repeated contact.
Delayed:	None of the components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

SECTION 3, HAZARD IDENTIFICATION

Proprietary aqueous solution of selected polymers. No hazardous ingredients known to company.

SECTION 4, FIRST-AID MEASURES

Ingestion: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

Inhalation: Remove to fresh air.

Skin: In case of irritation, flush with water.

Eyes: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

SECTION 5, FIRE-FIGHTING MEASURES

Autoignition Temperature: Not available.

Upper/Lower Flammable Limits: Not Applicable.

Up/Lower Explosive Limits, % by Vol: Not Applicable.

Flash Point: Not Applicable.

Will not burn unless water has evaporated. Dried material may burn. In case of fire, water should be used to keep fire-exposed containers cool.

SECTION 6, ACCIDENTAL RELEASE MEASURES

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

SECTION 7, HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices. Always use appropriate Personal Protective Equipment (PPE).

Inhalation: Avoid prolonged or repeated breathing of vapor.

Skin: Avoid prolonged or repeated contact with skin and clothing.

Eyes: Avoid prolonged or repeated contact with eyes.

Storage: Keep from freezing. Store in a cool, dry place. Keep containers tightly closed.

SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls: If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

Personal Protection: Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact, if skin contact is likely.

Exposure Guidelines: None Established.

SECTION 9, PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Translucent to pink gel.
Autoignition Temperature:	Not Applicable.
Boiling Point:	Not Applicable.
Vapor Density (Air=1):	Not Applicable.
Vapor Pressure:	Not Applicable.
Evaporation Rate (Butyl Acetate=1):	< 1
Upper/Lower Flammable Limits:	Not Applicable.
Upper/Lower Explosive Limits, % by Vol:	Not Applicable.
Flash Point:	Not Applicable.
Freezing Point 0 deg C:	0 deg C
Odor:	Mild
Odor Threshold, ppm:	Not Available.
Solubility:	Soluble

SECTION 10, STABILITY AND REACTIVITY

Normally stable as defined in NFPA 704-12(4-3.1).

Conditions to Avoid:	Exposure to open flame and incompatibles. Not for human consumption. Do not use for or as a component of the food, drug, medical device/aid or cosmetics.
Incompatibilities:	Strong acids and alkaline materials.
Decomposition Products May Include:	Oxides of carbon; water.
Hazardous Polymerization:	Will not occur.
Other Hazards:	None known to company.

SECTION 11, TOXICOLOGICLAL INFORMATION

Proprietary aqueous solution of selected polymers. No hazardous ingredients known to company.

Appearance: Colorless/slightly pink gel

Odor: Mild

HMIS Rating: HEALTH = 1 (slight)
FLAMMABILITY = 0 (minimal)
REACTIVITY = 0 (minimal)

SECTION 12, ECOLOGICAL INFORMATION

Not determined.

SECTION 13, DISPOSAL CONSIDERATIONS

Dispose of according to local, state/provincial, and federal requirements.

SECTION 14, TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation. Non-Regulated.

Canadian Transport of Dangerous Goods (TDG): Non-Regulated.

SECTION 15, REGULATORY INFORMATION

OSHA Hazard Communication Standard 29CFR1910.1200:	This material is not a "health hazard" or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 Hazard Communication Standard.
SARA Title III: Section 311/312:	Does not meet any hazard category
SARA Title III Section 313 and 40 CFR Part 372:	This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372. None required per SARA TITLE III SECTION 313.
TSCA Section 8(b) Inventory:	All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.
Workplace Hazardous Materials Information System (WHMIS):	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR. Not a controlled product.
Canadian Environmental Protection Act (CEPA):	All reportable chemical substances are listed on the Domestic Substances List (DSL) or otherwise comply with CEPA new substance notification requirements.
National Pollutant Release Inventory (NPRI):	This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory. None required.

SECTION 16, OTHER INFORMATION

There is no physical hazard as defined within 29 CFR Part 1910.1200(c). These products also meet the specific requirements of material, workmanship, working qualities and color described in the appropriate product standard issued by ACMI or other recognized standards organization.

User's Responsibility:

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

Disclaimer:

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. 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.