



SAFETY DATA SHEET

Section 1: Identification

Product Identifier: OA-1

Other means of identification: PVAC based adhesive. Soft adhesive. Organic Adhesive. Wood Glue.

Recommended use: Bonding low density materials.

Manufacturer

ZIRCAR Ceramics, INC.
P.O. Box 519
Florida, NY 10921
www.zircarceramics.com
sales@zircarceramics.com
(845) 651-6600

Emergency Telephone Number

CHEMTREC: (800) 424-9300 (USA/Canada), (703) 527-3887 (International)

Section 2: Hazards Identification

Hazard Classification(s): Not classifiable according to 2012 US Hazard Communication Standard (29CFR 1910.1200).

Signal Word: Not classifiable according to OSHA HCS 2012 (29CFR1910.1200).

Precautionary Statement(s): May cause skin, eye and respiratory irritation.

Eye Contact: May cause irritation on prolonged contact..

Skin Contact: May cause temporary dryness, irritation or rash on prolonged contact.

Ingestion: Not expected to be harmful under normal use.

Inhalation: Not expected to be harmful under normal use. If allowed to become airborne, may cause irritation of nose throat and lungs.

Medical Conditions Aggravated by Exposure: None reported.

Section 3: Composition / Information on Ingredients

Chemical and common names, CAS numbers and concentration; No hazardous components reported.

Section 4: First Aid Measures

Inhalation: Remove to fresh air

Eye Contact: Immediately flush with water. Seek medical assistance if irritation persists.

Skin Contact: In case of irritation, wash with soap and water. For dryness, a skin cream may be helpful. Do not apply anything to a rash. Consult a physician if irritation persists.

Ingestion: Drink plenty of water. Do not induce vomiting without advice of a physician. Seek medical attention.

Section 5: Fire Fighting Measures

Materials are not combustible. Use extinguishing media suitable for type of surrounding fire.

Section 6: Accidental Release Measures

Spill Procedures: Wet clean up should be with sponge or mop. Clean up procedures should minimize formation of airborne dusts. Remove dust by vacuuming using HEPA filtration where possible or use wet sweeping or a dust suppressant where sweeping is necessary.

Release into Air: Prevent release of airborne particulates where possible. Not a regulated hazardous substance. See Section 8 for appropriate engineering controls.

Release into Water: Release into water is not appropriate. Not a regulated hazardous substance.

Section 7: Handling and Storage

Storage: These materials are stable and may be stored in sealed container for extended periods of time. Do not allow to freeze.

Normal Use: Materials are stable under normal use and are not expected to produce significant hazardous by-products or emissions. Avoid prolonged contact.

Section 8: Exposure Controls / Personal Protection

Exposure Limits: None Established

Appropriate Engineering Controls: Use mist/dust suppression controls. Local exhaust ventilation, point of generation mist/dust collection, and/or down-draft work stations to minimize airborne mist/dust generation are recommended when spraying or machining product.

Recommendations for Personal Protective Measures

Respiratory Protection:	Use appropriate protection pursuant to OSHA 29CFR 1910.134, 29CFR 1926.103, and CFR1910.1000, Subpart Z, Air Contaminants. The following information is provided as a guide and reflects industry recommendations for control of dust.
PPE < 1.0 f/cc	No specific recommendation, use personal protective equipment based on local conditions.
PPE 1.0 f/cc to 5.0 f/cc	Half-face, air purifying respirator equipped with a high efficiency particulate air (HEPA) filter cartridge.
PPE 5.0 to 25 f/cc	Full-face, air purifying respirator equipped with a high-efficiency particulate air (HEPA) filter cartridge
PPE > 25 f/cc	Full-face, positive pressure, supplied air respirator.
Skin Protection	Wear gloves, head coverings, and full body clothing to prevent skin irritation. Disposable clothing may be used. Store work clothes and street clothes separately.
PPE Other	Work clothes should be washed separately and the washing machine rinsed following use. If possible, do not take work clothes home following machining or removal activities that produce significant amounts of dust.
Eye Protection	Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses without goggles. Do not get dust or liquids into eyes. Have eye washing facilities available when using products.

These products are generally not hazardous during normal use. These guidelines are provided for special circumstances involved in machining, use and or after service removals. See Section 13 for disposal recommendations.

Section 9: Physical and Chemical Properties

Physical and Chemical Properties

Appearance	Odor	Solubility in H ₂ O	pH	Vapor Pressure, mm Hg @	Specific Gravity
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					20C	
Physical State	Color					
Milky liquid	White	Mildly acetic	Dispersible	5	17.5	1.06

Note: Viscosity, Odor threshold, freezing point, initial boiling point and boiling range, flash point, evaporation rate, flammability, upper/lower flammability or explosive limits, vapor density, partition coefficient: n-octanol/water, auto-ignition temperature and decomposition temperature are irrelevant and/or unavailable to/for these materials.

Section 10: Stability and Reactivity

Chemical Stability: Materials are stable with no possibility of hazardous reactions or polymerization.

Chemical Incompatibilities: Strong acids and alkaline materials.

Hazardous Decomposition Products: CO, CO₂.

Conditions to avoid: Exposure to heat and flame. Incompatibles.

Section 11: Toxicological Information

See section 3.

Additional Toxicology Information: N/A

Section 12: Ecological Information

Eco toxicological Information: These products are inert materials that remain stable overtime. No adverse effects of this material on the environment are anticipated. No information regarding any negative effects of this persistence has been noted.

Section 13: Disposal Consideration

Disposal: To prevent waste materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended.

Hazardous Waste Classification: Materials as manufactured are not classified as a hazardous waste according to Federal regulations (40 CFR 261). Any processing, use, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a "hazardous" waste. Disposal regulations vary. Check local, regional, state or provincial regulations to identify all applicable disposal requirements.

Empty Containers: Empty containers may contain product dust or residue. Do not re-use. Disposal regulations vary. Consult with all applicable regulations prior to disposal. Refer to Section 8 for instructions regarding Exposure Controls/Personal Protection.

Section 14: Transportation Information

Materials are not regulated hazardous substances, no specific regulations apply.

Section 15: Regulatory Information

SARA Title III Constituent: listed none

OSHA: Complies with Hazard Communication Standards 29 CFR 1910.1200.

TSCA: All substances contained in this product are listed, if required, in the TSCA Chemical Inventory.

States: None known.

Canadian WHMIS Status: Not a controlled product.

Canadian EPA: All substances in this product are listed, as required, on the Domestic Substance List (DSL).

Section 16: Other

Disclaimer:

The information contained herein is based on data considered to be accurate as of the preparation or revision date. It is provided in good faith and in compliance with state and federal regulations. No warranty or representation, express or implied is made as to the accuracy or completeness of this information. Other national, state and/or local regulations may apply.