

MATERIAL SAFETY DATA SHEET: Bausch Arti-Spot 1

IDENTITY: Trade Name: Bausch Arti Spot 1 Code: BK 85 (White)
 Chemical Description: Organic solvents (Ethanol, Propanol, Ethyl-Acetate), Glycerin, Natural resins, Titanium dioxide (C.I. Pigment White 6), Zinc stearate, Camphor.
 Product Use: Dental material: High spot indicator for crowns.

SECTION I**Manufacturer:**

Dr. Jean Bausch KG
 Oskar-Schindler-Str. 4
 D-50769 Cologne, Germany
 Tel: 49 221 70936-0 /
 Fax: 49 221 70936-666262

Distributor:

Pulpdent Corporation
 80 Oakland Street
 Watertown, MA 02472 USA
 Tel.: 1-800-3434342 / 1-617-926-6666
 Fax: 1-617-926-6666
 24 Hour Emergency Number: 1-800-535-5053

Date Prepared: September 1, 2007

SECTION II - HAZARDOUS INGREDIENTS

<i>Ingredients</i>	<i>PEL/TLV</i>	<i>UN Number</i>
Ethyl alcohol	1000 ppm	1170
Ethyl acetate	740 ppm	1173
Propyl alcohol	515 ppm	1274

DOT HAZARD CLASSIFICATION: Class 3 / Packing group II / Flammable liquid
 WHMIS CLASSIFICATION: B-2 Flammable liquid
 NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 3 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 192°F / 89.4°C	Specific Gravity: 0.81	Vapor Pressure: 44.6
Melting Point: -173°F / -114°C	Evaporation Rate: 2.8	Solubility in water: Partial
Odor Threshold: 159 ppm	Appearance / Odor: White liquid, characteristic alcohol / camphor odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

WARNING! FLAMMABLE. Keep away from heat, sparks, flame, and all other ignition sources. Vapor may form flammable mixtures with air.

Flash Point: 43°F / 6°C (Tag closed cup) Autoignition Temperature: 423°C

Flammable limits: LEL: 2.1 UEL: 13.5

Extinguishing Media: Use dry chemical, alcohol foam, or carbon dioxide. Water may be ineffective, but should be used to keep fire-exposed containers cool.

Special Fire Fighting Procedures: If a leak or spill has not ignited, use water spray to disperse vapors and protect personnel attempting to stop a leak. Use water spray to flush spills away from exposures and to dilute spills to nonflammable mixtures.

Hazardous Combustion Products: Incomplete combustion may produce carbon monoxide and/or carbon dioxide.

Unusual Fire and Explosion Hazards: Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full face piece when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products.

SECTION V - REACTIVITY DATA

Stability: Generally stable.

Conditions to avoid: Heat, flame, sparks.

Incompatibility: Avoid acetyl chloride and a wide range of oxidizing agents which may react violently.

Hazardous Decomposition Products: Incomplete combustion may produce carbon monoxide /carbon dioxide.

Hazardous Polymerization: None.

Conditions to avoid: None

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SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard in normal use of small quantities of this product. Prolonged exposure to large quantities of ethyl alcohol is considered a moderate health hazard.

Route of Exposure

Signs & Symptoms

Inhalation

None in normal use. Exposure to >1000 ppm may cause headache, drowsiness, lassitude, inability to concentrate, irritation of throat.

Eye Contact

Liquid or vapor may cause irritation.

Skin absorption

None in normal use. Large quantities and prolonged contact may produce symptoms similar to inhalation/ ingestion.

Skin Contact

May cause irritation and defatting of skin on prolonged contact.

Ingestion

None in small quantities of normal use. Large quantities may cause depression of the central nervous system, nausea, vomiting, diarrhea.

Summary of Chronic Health Hazards: Not a chronic health hazard in normal use. Large quantities of alcohol ingested over a prolonged period may be carcinogenic or cause Fetal Alcohol Syndrome.

Carcinogenicity

Not a carcinogen under normal conditions of use. IARC has reported a relationship between prolonged drinking of large quantities of alcoholic beverages and cancer of oral cavity, pharynx, esophagus, liver.

Teratogenicity, Mutagenicity and Reproductive Toxicity: Ingestion of alcohol by pregnant women is associated with Fetal Alcohol Syndrome in offspring.

Emergency First Aid Procedures:

Inhalation

Remove to fresh air. If victim has stopped breathing, give artificial respiration. Get immediate medical attention.

Eye contact

Flush immediately with water for 15 + minutes. Seek medical attention.

Ingestion

Large quantities: Conscious victim, who is able to swallow, should drink water or milk to dilute. Never give anything by mouth to an unconscious or convulsing person. Call physician or Poison Control Center immediately. Induce vomiting only on their advice.

Skin contact

Immediately flush affected area with plenty of cool water. Get medical attention if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

Handling/Storage Precautions: Store tightly closed, in well-ventilated area; avoid heat, sparks, direct sunlight, oxidizing agents. Protect container from physical damage. Take same precautions with empty container.

Release or Spill: Wear gloves, safety glasses. Pick up with absorbent material (paper, cloth). Rinse spill area with water. Place refuse in closed container. Avoid heat, sparks and oxidizers.

Waste Disposal Method: Follow all government regulations. *Other Precautions:* Wash hands after use.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not necessary under normal conditions of use.

Ventilation: No special ventilation required under normal conditions of use. For large quantities and prolonged exposure, enclosure, local ventilation and dilution are recommended to reduce concentration below TLV.

Protective Gloves: Chemically impervious gloves are recommended.

Eye Protection: Safety glasses are recommended when no eye contact is anticipated. Chemical safety goggles should be worn whenever there is possibility of splashing or other contact with eyes.

Other Protective Equipment: Emergency eye wash fountain. *Work / Hygienic Practices:* Wash hands after use.

The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Dr. Jean Bausch KG bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.
