

MATERIAL SAFETY DATA SHEET: Bausch Arti Spot 2

IDENTITY: Trade Name: Bausch Arti Spot 2 CODE: BK 86 (Red)

Chemical Description: Organic solvents (Ethanol, Propanol, Ethyl-Acetate), Glycerin, Natural resins, Pigment Red 4 (FDA Red No. 36), Zinc stearate, Thickener, 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

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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	Vapor Density: n/a	Evaporation Rate: 2.8
Solubility in water: Partial	Odor Threshold: 159 ppm	

Appearance / Odor: Red liquid with characteristic alcohol / camphor odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

WARNING! Flammable. Avoid heat, sparks, flame, ignition sources. Vapor forms flammable mixtures with air.

Flash Point: 43°F / 6°C (Tag closed cup) Autoignition Temperature: 423°C LEL: 2.1 UEL: 13.5

Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide. Water will 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. Water spray may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures.

Hazardous Combustion Products: Incomplete combustion may produce carbon monoxide, carbon dioxide.

Unusual Fire/Explosion Hazards: To avoid exposure to smoke, fumes, hazardous decomposition products, firefighters should use self-contained breathing apparatus in positive pressure mode with full face piece.

SECTION V - REACTIVITY DATA

Stability: Generally stable. Conditions to avoid: Heat, flame, sparks.

Incompatibility: Avoid acetyl chloride and a wide range of oxidizing agents react violently with this material.

Hazardous Decomposition Products: Incomplete combustion produces carbon monoxide, carbon dioxide.

Hazardous Polymerization: None. Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: Minimal health hazard in normal use and quantities present in this product. With larger quantities and prolonged exposure, ethyl alcohol is considered a moderate health hazard.

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Route of Exposure

Signs & Symptoms

Inhalation

None in normal conditions of use. Exposure to >1000 ppm: headache, drowsiness, loss of appetite, inability to concentrate, irritation of throat.

Eye Contact

Liquid or vapor may cause irritation.

Skin absorption

None in normal conditions of use. Large quantities and prolonged contact may induce similar symptoms 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 central nervous system, nausea, vomiting and diarrhea.

Summary of Chronic Health Hazards: Not a chronic health hazard under the normal conditions of use. Ingestion of large quantities 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 abuse of alcoholic beverages and cancer of oral cavity, pharynx esophagus and liver.

Teratogenicity, Mutagenicity, 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 care.

Ingestion

For large quantities: If conscious and able to swallow, have victim drink water or milk to dilute. Never give anything by mouth to an unconscious or convulsing person. Call a 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: Keep tightly closed, in well-ventilated area; avoid heat, sparks, direct sunlight, oxidizing agents. Protect container from physical damage. Take same precautions when container is emptied.

Release or Spill: Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth. Rinse area of spill with water. Place all material in closed container away from heat, sparks, sun 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. However, for large quantities and prolonged exposure, methods such as 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. 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.