

Material Safety Data Sheet

SC-115

Date of Preparation: 12/17/2004

Revision: 12/17/2004

Section 1 - Chemical Product and Company Identification

Product Name: SC-115

Chemical Family: Polyester-Polyurethane aqueous dispersion

Manufacturer: BJB Enterprises, Inc., 14791 Franklin Avenue, Tustin, CA 92780, Phone (714) 734-8450, Fax (714) 734-8929, (M-Th: 8-4:30, F: 7:30-4), Emergency Phone: Chemtrec (800) 424-9300 or (703) 527-3887

Section 2 - Composition / Information on Ingredients

Ingredient Name	CASRN
This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.	Proprietary

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Color: Milky white; Form: Liquid; Odor: Slight; Flammable if dry; Toxic gases/fumes are given off during burning or thermal decomposition.

HMS

H 1

F 1

R 0

PPE†

†Sec. 8

Potential Health Effects

Primary Entry Routes: Eye and skin contact; inhalation of vapors or aerosols, accidental ingestion.

Human Effects and Symptoms of Overexposure: This product is a non-reactive resin dispersed in water; experimental animal test data and worker experience indicate that it is not associated with any adverse health effects. Based on animal toxicity testing (see Section 11) on a similar product we would expect this product to be non-irritating to the skin and eyes and essentially non-toxic by ingestion.

Acute Effects

Inhalation: None reported for this product.

Ingestion: None reported for this product.

Eye: May cause minor irritation but no corneal injury.

Skin: Product is not likely to be absorbed in toxic amount. However, skin contact is to be avoided.

Carcinogenicity: The components of this product are not listed by NTP, IARC, or regulated as a carcinogen by OSHA.

Medical Conditions Aggravated by Long-Term Exposure: None known.

Chronic Effects of Exposure: No applicable information was found concerning any adverse chronic health effects from overexposure to this product.

Exposure Limits: Not established for this product.

Section 4 - First Aid Measures

Inhalation: Not likely. Remove to fresh air environment.

Inhalation: Move to an area free from risk of further exposure. Treat symptomatically.

Ingestion: Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Consult physician.

Eye Contact: Flush eyes with clean, lukewarm water (low pressure). Obtain medical attention if irritation develops.

Skin Contact: Remove contaminated clothing and wash affected areas with soap and water. Wash contaminated clothing before use.

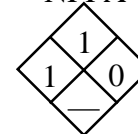
Section 5 - Fire-Fighting Measures

Flash Point/Method: Not applicable (water based product), however, solid material will support combustion if water has been evaporated.

Extinguishing Media: Dry chemical; Carbon Dioxide; Foam; Water spray for large fires.

Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. During a fire irritating and toxic gases and aerosols may be generated by thermal decomposition and combustion if material ignites after water boils off. Dry residue will support combustion. See Section 10.

NFPA



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Dike or impound spilled material and control further spillage if feasible. Cover spill with sawdust, vermiculite, Fuller's earth or other absorbed material; collect material in open containers and discard. Clean spill area with hot water.

Section 7 - Handling and Storage

Storage Temperature (Min/Max): 45° F (7° C)/122° F (50° C)

Handling/Storage Precautions: Store in a dry place, away from excessive heat, in original or similar waterproof containers. Avoid unnecessary contact. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials.

Shelf life: 6 months from date of shipment under manufacturers recommended storage conditions.

Special Sensitivity: Temperatures below 45°F (7° C) will cause irreversible solidification. Material begins to decompose at temperatures greater than 176° F (80° C).

Section 8 - Exposure Controls / Personal Protection

Eye Protection Requirements: Safety goggles or glasses are recommended.

Skin Protection Requirements: Impermeable gloves should be worn. Employees should wash their hands and face before eating, drinking or using tobacco products.

Ventilation/Respiratory Requirements: Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH certified) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Additional Protective Measures: Safety showers and eye wash stations should be easily accessible to the work area. Training is important. Follow all label precautions.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Milky white/Slight

Vapor Pressure: 92.25 mm Hg at 77° F (25° C)

Vapor Density (Air=1): Not established

Bulk Density: 8.8 lbs./gal

Specific Gravity (H₂O=1, at 4 °C): 1.10

pH: 6.5 – 7.5 (DIN 53785)

Water Solubility: Miscible

Boiling Point: Approximately 212° F (100° C)

Freezing/Melting Point: Approximately 32° (0° C)

% Volatile by Volume: None

Section 10 - Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: oxidizing and reducing agents; precipitating agents.

Conditions to Avoid: None known

Hazardous Decomposition: Thermal oxidative decomposition can produce CO, CO₂, oxides of nitrogen, HCN and other potentially toxic fumes.

Section 11- Toxicological Information

Acute Toxicity

Oral LD50: Greater than 2500 mg/kg (Rat)*

Eye Effects: No irritation (Rabbit)*

Skin Effects: No irritation (Rabbit)*

*Based on testing on a similarly composed product.

Section 12 - Ecological Information

No Ecological Information Available

Section 13 - Disposal Considerations

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations. Empty containers must be handled with care due to product residue. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

Section 14 - Transport Information

Technical Shipping Name: Polyester-Polyurethane Aqueous Dispersion
Freight Class Bulk: Chemicals, NOI
Freight Class Package: Chemicals NOI (NMFC 60000)
Product Label: SC-115

DOT (Domestic Surface)

Hazard Class or Division: Non-Regulated

IMO/IMDG CODE (Ocean)

Hazard Class Division Number: Non-Regulated

ICAO/IATA (Air)

Hazard Class Division Number: Non-Regulated

Section 15 - Regulatory Information

OSHA Status: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: On TSCA Inventory

CERCLA Reportable Quantity: None

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Non-Hazardous under Section 311/312.

Section 313 Toxic Chemicals: None

RCRA Status: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME

/CAS NUMBER	CONCENTRATION	STATE CODE
Polyester Polyurethane NJTSRN (31765300002)-6443P	40%	PA3, NJ4
Water 7732-18-5	60%	PA3, NJ4

NJ4 = New Jersey Other – included in 5 predominant ingredients > 1%

NJTSRN = New Jersey Trade Secret Registry Number

PA3 = Pennsylvania Non-hazardous present at 3% or greater.

Section 16 - Other Information

Reason for Issue: Revised section 9

Prepared By: M. Rose

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