



SAFETY DATA SHEET - Argyle/Bolson Model - B32

Note: Argyle Materials, Inc. is the Master Distributor of Bolson products.

I. Supplier:

Bolson Materials Intl. Corp., Inc. Emergency Telephone Number: +1.780.669.1587
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Contact Name: Tim Heenan

II. Ingredients:

Product Name: Bolson Model (ABS)
Chemical Name: N/A
Chemical Family: Styrene Terpolymer

Contains: Acrylonitrile/butadiene/styrene resin.

CAS #
009003-56-9 90-99

May Contain the Following:

Mineral Oil	008042-47-5 0-2
Tallow	067701-27-3 0-2
Wax	000110-30-5 0-2

III. Physical Data:

Boiling Point: N/A Specific Gravity: 1.05
Vapor Pressure: N/A Volatile by Volume: N/A
Vapor Density: N/A
Solubility in Water: Nil
Appearance and Color: White, odorless

IV. Fire and Explosion Hazards:

Flash Point: None
Extinguishing Media: Water fog, foam, alcohol resistant foam, CO₂, dry chemical.
Fire & Explosion Hazards: Dense smoke emitted when burned without sufficient oxygen.
Fire-Fighting Procedures: Wear positive pressure self-contained breathing apparatus.

V. Health Hazard Data:

Threshold Limit Value: No established value. Product is inert.

Eye Contact: Dust or vapors that contact the eye may be irritating or cause mechanical injury.

Skin Contact: Molten material will produce thermal burns.

Inhalation: Dust or vapors may be irritating to the respiratory tract and cause coughing or sneezing. Dust may cause irritation to upper respiratory tract.

Ingestion: It is reasonable to anticipate ingestion of pellets would be irritating to the GI tract.

Swallowing: Single dose oral LD50 has not been determined. No harmful effects are anticipated if small amounts are swallowed.

Skin Contact and Absorption: Essentially non-irritating to skin. Skin absorption is unlikely due to physical properties.

Eye Contact: Solid dust may cause irritation or corneal injury due to mechanical action.

VI. Reactivity Data:

Stability (Conditions to avoid): Temperatures over 300° C (572° F) releases combustible gases.

Incompatibility (materials to avoid): Oxidizing materials.

Hazardous Combustion or Decomposition Products: Acrylonitrile and hydrogen cyanide.

Hazardous Polymerization: Will not occur.

VII. Spill or Leak Procedures:

Material is Released or Spilled: Sweep "inert" organic pellets and dispose of properly. Avoid the generation of dust in the area.

Waste Disposal Method: Not critical - dispose of as solid waste, observing all local, state and federal regulations.

VIII. Special Protection Information:

Exposure Guideline(s): Although some of the additives used in this product may have exposure guidelines, these additives are encapsulated in the product and no exposure would be expected under normal handling conditions.

Ventilation: Provide local exhaust ventilation where heat can cause polymer breakdown, e.g. extrusion, molding and where there is a need to draw dusts and fumes from worker breathing zones. The following publication offers ventilation guidelines and techniques: "INDUSTRIAL VENTILATION, A MANUAL OF RECOMMENDED PRACTICE", available from ACGIH.

Respiratory Protection: For conditions where exposure to dust and fumes is apparent, an NIOSH approved respirator for dust mists and fumes appropriate to the airborne concentration may be worn. Where vapors are generated, an NIOSH approved organic respirator suitable to the airborne concentrations is recommended.

Eye and Face Protection: Safety glasses with side shields are recommended for any type of handling. Dust-tight goggles are recommended for dusty operations of areas where vapors accumulate.

IX. Precautions or other comments:

U.S. Regulations: SARA HAZARD CATEGORY: This product has been reviewed with regard to SARA Title III and does not meet any hazard category.

CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known to the State of California to cause cancer. During processing of this product, exposure may exceed the levels deemed to represent significant risk as defined by the emergency guidelines in 22 California Code of Regulations, Division 2, Chapter 3, Article 7. The information contained herein is based on the data available to use and is believed to be correct. However, Bolson makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Bolson assumes no responsibility for injury from the use of the product described herein.

Toxicity Addendum: To be added to MSDS-2013

Acute Toxicity

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed. Single dose oral LD50 has not been determined. Typical for this family of materials. Estimated. LD50, rat > 5,000 mg/kg

Aspiration Hazard: Based on physical properties, not likely to be an aspiration hazard.

Dermal

No adverse effects anticipated by skin absorption.
The dermal LD50 has not been determined.

Typical for this family of materials. Estimated. LD50, rabbit > 2,000 mg/kg
Inhalation

No adverse effects are anticipated from single exposure to dust. Vapors released during thermal processing may cause respiratory irritation.

The LC50 has not been determined.

Eye damage/eye irritation

Solid or dust may cause irritation or corneal injury due to mechanical action.

Elevated temperatures may generate vapor levels sufficient to cause eye irritation. Effects may include discomfort and redness.

Skin corrosion/irritation

Prolonged contact is essentially non-irritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns.

Sensitization

Skin

No relevant data found.

Respiratory

No relevant data found.

Repeated Dose Toxicity

Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

Chronic Toxicity and Carcinogenicity

No relevant data found.

Developmental Toxicity

No relevant data found.

Reproductive Toxicity

No relevant data found.

Genetic Toxicology

No relevant data found.

End Addendum*****