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BUILDERS BUTYL - (ONE-PART BUTYL SEALANT)

PRODUCT

Builders Butyl is a one-component, thixotropic, non-flowing butyl rubber based sealing compound for use in architectural applications, requiring outstanding weather resistance and permanent flexibility.

PRODUCT DESCRIPTION

COMPOSITION: Butyl rubber base.

APPLICATIONS: Builders Butyl Sealant is recommended for the following application types:

- a) General purpose caulking of joints and seams
- b) Window wall sealing (concealed)
- c) Curtain wall sealing (concealed)
- d) Perimeter sealing (door jambs, window frames, etc.)
- e) Bedding and metal setting
- f) Standing seam metal roof panels (concealed)
- g) Metal wall panel joints (concealed)
- h) Asphalt shingle caulking

Builders Butyl will not sag from vertical or overhead joints. The sealant cures through the evaporation of volatile solvent to a permanently soft and flexible mass, having exceptional adhesion to most common construction substrates without priming.

LIMITATIONS: Builders Butyl Sealant is not recommended for sealing large joints which may have considerable movement. These type of expansion and/or contraction joints should be sealed with a high performance Thioplast polysulphide sealant.

AIR INFILTRATION: Air infiltration shall not exceed .06 cfm per square foot of wall area when tested per ASTM E-283 at a static pressure of 1.56 psi.

WATER PENETRATION: There shall be no uncontrolled water penetration through the panel joints at a static pressure of 6.24 psi when tested per ASTM E-331.

PACKAGING: Builders Butyl Sealant is available in spouted cartridges and 20 litre pails.

SHIPPING CLASSIFICATIONS: Caulking or Glazing Compound, N01. PIN #1866

STORAGE LIFE: Builders Butyl Sealant has a minimum shelf life of 6 months when stored in unopened containers at temperatures below 72° F.

COLOR: Builders Butyl Sealant is stocked in the following colors: White, Gray

APPLICABLE STANDARDS: Builders Butyl Sealant meets and exceeds the requirements of Federal Specification TT-S-001657 Type 1, AAMA808.3, CGSB19-GP-14M.

TECHNICAL DATA

Consistency	- Thixotropic, heavy, gun grade paste
Flow	- 0.15" maximum
Non-volatile content	- 80% + or - 2%
Tack Free Time	- 24 hour maximum
Cure Time	- Ultimate properties are reached in 14 days at 75° F
Extrudability	- Excellent
Stain	- Nonstaining
Adhesion	- Good to excellent to common building materials
Weight per litre	- 2.96 lbs

These properties are typical, but should not be used in specifying material, due to differences which could result from variations in testing methods.

INSTALLATION

JOINT DIMENSIONS: Builders Butyl Sealant should not be used in joints with a great deal of movement. (All joints should be four times as wide as the maximum joint movement, and joint depth should not exceed one-half of the width). Most common types of expansion joint filler or backing can be used with Butylin Butyl Sealant. Backing materials not bonding to the sealant will enhance the expansion capabilities of the joint.

SURFACE PREPARATION: Surfaces to be sealed, caulked or glazed should be clean and dry. Loose material of all types should be eliminated. Oily materials are detrimental to a good sealant bond.

APPLICATION: Builders Butyl Sealant can be applied with hand or air-operated caulking guns, or pumped from 20 litre containers with air or hydraulic equipment. Application is very fast and easy due to the thixotropic, buttery consistency of the material. For optimum appearance and bond adhesion, the sealant should be tooled after applying.

SAFETY PRECAUTIONS: Builders Butyl Sealant contains volatile solvent. Store and use this sealant away from heat sources, sparks or flames.

HEALTH PRECAUTIONS: Adequate ventilation should be afforded to prevent excessive inhalation of solvent. Normal personal hygiene practices, such as washing after exposure to the sealant should be observed. The sealant may be harmful if ingested and a physician should be summoned immediately.

AVAILABILITY

Builders Butyl Sealant is available from our manufacturing facilities. Information on availability and ordering can be obtained by contacting our facility or our distributors.

GUARANTEES

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed. It is specifically understood that we warrant this merchandise to be manufactured of quality material. No other warranties, expressed or implied as to merchant ability, fitness for purpose sold, description, quality or any other matter, incident to the sale of this product are intended. No person is authorized or empowered to make any statement or recommendation concerning said product not contained herein, and any such statement or recommendation so made shall not bind the company. Users assume all risk and liability whatsoever resulting from the use or the inability to use this product and must confirm the adaptability thereof by their own tests.

MAINTENANCE

Cleaned joints should be kept dry and free of all contaminants prior to sealant application.

REPAIR: If part of a seal is damaged, cut out the damaged portion and, making sure no contaminants are present re-seal with new material. The new sealant will adhere very well to the old sealant mass, providing the surface is clean and dry.

TECHNICAL SERVICE

Trained and experienced technical service and sales personnel are available for consultation and other forms of assistance. Names and addresses of area representatives can be obtained by contacting the manufacturing facilities.

WARRANTY, RECOMMENDATIONS FOR USE OF THIS PRODUCT ARE BASED ON RELIABLE TESTS, SINCE DESIGN AND CONDITIONS OF INSTALLATION ARE BEYOND OUR CONTROL. NO GUARANTEE OR APPLICATION IS IMPLIED. OUR LIABILITY FOR ANY DEFECT OF THE MATERIAL IS LIMITED TO REFUND OF THE PURCHASE PRICE ONLY.