



This saddle is used by Lancaster Glass Corporation, Lancaster, Ohio, to cradle and transport cathode ray bulbs through a 750°-950°F annealing process. The fiber strip is bonded to the cast iron with Sauereisen No. 19.

CHARACTERISTICS

- Resists oils, solvents and all acids (except hydrofluoric)
- Withstands 1800°F (982°C) without softening
- Insulates electricity
- Heat conductive and thermal shock resistant
- Porcelain-like surface, easily cleaned
- Can be colored
- Non-staining
- Economical

Physical properties were determined on specimens prepared under laboratory conditions using applicable ASTM procedures. Actual field conditions may vary and yield different results; therefore, data are subject to reasonable deviation. Data should not be used for specification purposes.

Fire-resistant inorganic adhesive for:

Metal Ceramics
Glass Ceramic Fiber

Sauereisen Adhesive Paste No. 19 is an inorganic, odorless, nontoxic cement used for bonding glass, porcelain, wood, felt, cork, metals and ceramic fiber.

Some typical applications include protection of exposed metal surfaces during heat treating, bonding wallboard to brick or concrete and cementing high-temperature fiber to metal surfaces.

APPLICATION

Sauereisen No. 19 is supplied as a ready-mixed paste and may be applied by brushing, dipping or spraying. No. 19 is suitable for use on production lines with mechanical dispensers or applicators because it will not harden in the equipment during normal operation.

No. 19 should be thoroughly remixed to a smooth, uniform consistency prior to use. Surfaces to receive No. 19 Paste should be clean and free of grease and dirt. Porous substrates should be dampened slightly with Sauereisen Thinning Liquid Nos. 14 or 15 prior to application. No. 19 should be used in thin applications; apply several coats where a heavy layer is desired. In multiple coat applications, each coat must be thoroughly dry prior to applying additional coats. If necessary, Thinning Liquid Nos. 14 or 15 should be used where No. 19 Paste is required in a thinner consistency. Minimum amounts of liquid should be used as excess liquid reduces mechanical strength, increases shrinkage and delays set time. No. 19 should not be applied in a thickness greater than 1/4".

SETTING/CURING

No. 19 cures by air drying at room temperature. Drying time depends on the consistency and thickness of the application. Normally 18-24 hours drying at ambient temperature is sufficient. When the cement has minimal exposure to air, or if it is desired to accelerate the cure, low temperature oven drying at 180°F can be used. Avoid steaming while drying. If the cement will be exposed to elevated temperatures, contact Sauereisen for appropriate drying schedule recommendation.

If high humidity resistance is required and it is impractical to fire cement, a moisture-resistant lacquer or silicone coating should be applied to the exposed surfaces.

CLEAN-UP

All equipment should be cleaned with soap and water before No. 19 cures. If removal is required after cure, consult Sauereisen for recommendations.

PACKAGING

No. 19: 1- quart and 1- gallon cans;
5 - gallon pails

SHELF LIFE

NO. 19 Paste has a shelf life of six (6) months when stored in unopened, tightly sealed containers in a dry location at 70°F. If there is a doubt as to the quality of the material, consult Sauereisen.

CAUTION

Consult Sauereisen product Material Safety Data Sheets and container label Caution Statements for any hazards in handling this material.

WARRANTY

We warrant that our goods will conform to the description contained in the order, and that we have good title to all goods sold. WE GIVE NO WARRANTY, WHETHER OF MERCHANTABILITY, FITNESS FOR PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, OTHER THAN AS EXPRESSLY SET FORTH HEREIN. We are glad to offer suggestions or to refer you to customers using Sauereisen Cements and Compounds for a similar application. Users shall determine the suitability of the product for the intended application before using, and users assume all risk and liability whatsoever in connection therewith regardless of any of our suggestions as to application or construction. In no event shall we be liable hereunder or otherwise for incidental or consequential damages. Our liability and your exclusive remedy hereunder or otherwise, in law or in equity, shall be expressly limited to our replacement of nonconforming goods at our factory or, at our sole option, to repayment of the purchase price of nonconforming goods.

- Information concerning government safety regulations available upon request.
- Sauereisen also produces compounds for corrosion resistance and grouting.

SAUEREISEN

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