



WALLCOLMONOY  
HI TEMP BRAZING ALLOYS

# NICROBRAZNEWS

SEPTEMBER 2020

## Nicrobraz® Cement & 'S' Binder™ Shelf Life

### Nicrobraz® Cements

The shelf life of Nicrobraz® Cements is a minimum range of 3 months or longer. (see table). This material can be used as long as after opening, the contents can be mixed and forms a suspension suitable for application. The only problem that can occur during storage is the evaporation of solvent. Evaporation would affect the viscosity of the material causing it to thicken. In this case we recommend the use of the appropriate Nicrobraz® Cement Thinner to achieve the desired viscosity.



usable. If the 'S' Binder™ becomes hard at room temperature, or becomes water thin, it will not function as required to support the brazing filler metal and should be discarded.

### Nicrobraz® Cements & 'S' Binder™

To prolong storage life, these products should be kept in a tightly sealed container, in a cool area. Do not allow the product to freeze, as this may affect viscosity.

Nicrobraz® Cements	Minimum Shelf Life
Nicrobraz® 310, 510, 320, 520, 620, 1020	None
Nicrobraz® 650	3 months
Nicrobraz® 680	12 months

Nicrobraz® 'S' Binder™	Minimum Shelf Life
Nicrobraz® 'S' Binder™	None

### Nicrobraz® 'S' Binder™

We do not reference a shelf life for this product, as we have determined that the material does not break down or deteriorate, under normal storage conditions. Basically, as long as the material retains a workable viscosity, the material is



### Note:

*A minimum shelf life is given for these products, and is provided only to give a guideline to follow. It is not our intention to indicate that these products will not be usable after that date. Many of our customers have used these products satisfactorily, well beyond the minimum shelf life date. Refer to Wall Colmonoy SDSs for important safety information.*



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## About Wall Colmonoy and Brazing The Pioneers and Today's Leading Experts

Wall Colmonoy joins parts for high-temperature and corrosion applications using Nicrobraz<sup>®</sup>, Niferobraz<sup>®</sup>, and CuBraz<sup>™</sup> brazing filler metals and brazing aids.

The pioneer of high-temperature brazing, Wall Colmonoy's expert brazing engineer, Bob Peaslee, invented a new brazing technology involving nickel-based filler metals and hydrogen atmosphere furnaces in 1950. As a result, the new filler metal, Nicrobraz<sup>®</sup>, was created.

Today, Nicrobraz<sup>®</sup>, Niferobraz<sup>®</sup>, and CuBraz<sup>™</sup> brazing filler metals are used in a variety of industries including aerospace, oil & gas, steel, energy, food, automotive, rail and defense, meeting AWS, AMS, G.E., Honeywell, Pratt & Whitney and Rolls-Royce specifications. Nicrobraz<sup>®</sup> products are available as powder, paste, transfer tape, rods, and sheets in a full range of sizes and specifications. Wall Colmonoy also custom formulates brazing filler metals to meet customer specific requirements.

Aerobraz Engineering Technologies, a division of Wall Colmonoy, manufactures engineered components and provides technological solutions for the aerospace, energy, defense and transportation industries. This division meets aerospace quality standards in applications using the process of brazing, surfacing, welding, thermal processing, fabricating, machining and overhauling. Aerobraz Engineering Technologies has the engineering expertise to take concepts from design to prototype to production.

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