



# NICROBRAZNEWS

NOVEMBER 2023

## Nicrobraz<sup>®</sup> Cement, Thinner, and 'S' Binder<sup>™</sup> Shelf Life

### Nicrobraz<sup>®</sup> 310, 510, 320, 520, 620, 1020 Cements and Thinners

A minimum shelf life of 24 months is given for these products. To ensure safe storage the containers should be inspected periodically during storage and should be used within 24 months from the date of manufacture or be disposed of.

If the integrity of the can is compromised, evaporation of solvent can occur. Evaporation will create an unsafe condition and affect the viscosity of the products causing them to thicken. In this case we recommend the use of the appropriate Nicrobraz Cement Thinner to achieve the desired viscosity.

Cement Thinners are subject to the same 24 month shelf life as the Cements.

### Nicrobraz<sup>®</sup> 650

A minimum shelf life of 3 months is given for Nicrobraz<sup>®</sup> 650.

### Nicrobraz<sup>®</sup> 680

A minimum shelf life of 12 months is given for Nicrobraz<sup>®</sup> 680.

### Nicrobraz<sup>®</sup> 'S' Binder<sup>™</sup>

A minimum shelf life of 24 months is given for Nicrobraz<sup>®</sup> 'S' Binder<sup>™</sup>. If the 'S' Binder<sup>™</sup> 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<sup>®</sup> Cements & 'S' Binder<sup>™</sup>

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 <sup>®</sup> Cements	Minimum Shelf Life
Nicrobraz <sup>®</sup> 310, 510, 320, 520, 620, 1020 and thinners	24 months
Nicrobraz <sup>®</sup> 650	3 months
Nicrobraz <sup>®</sup> 680	12 months

Nicrobraz <sup>®</sup> 'S' Binder <sup>™</sup>	Minimum Shelf Life
Nicrobraz <sup>®</sup> 'S' Binder <sup>™</sup>	24 months



**WALLCOLMONOY**  
HI TEMP BRAZING ALLOYS

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## 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.*

## For more information, please contact:

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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 Microbraz<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, Microbraz<sup>®</sup>, was created.

Today, Microbraz<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. Microbraz<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 Engineered 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 Engineered Technologies has the engineering expertise to take concepts from design to prototype to production.

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