80M010 Technical Data Sheet

PRODUCT DESCRIPTION

FireSnake® is a specially formulated and packaged fuel ready to use for heating rail for repairs. This convenient packaging makes heating rail to expand joints for repair a safer job for workers and a cleaner job for the environment. 80M010, based on a special alcohol blend, modified with cellulose thickeners and enhanced with special fibers for maximum heat output. Upon combustion the special fiber material used in this product releases nitrogen, water and carbon dioxide.

Color: Black

PRODUCT BENEFITS

- Burns clean with little smoke
- Environmentally safe
- Packaging designed for safe use by rail maintenance workers
- Workers choose how much to use to get the rail hot
- Metal bucket is re-useable for tools and other hauling needs in the field

PRODUCT AND PERFORMANCE DATA

Property	Result
Density	7 ± 0.5 lbs/gal
Viscosity (KU)	95+ (pre fiber)
Solids Volume (%)	3.64

Property	Result
Burn temperature:	385°F – 425°F
Burn time:	14 – 23 minutes
Flame:	Visible 3” to 5” flame
Residue:	Less than 0.1 lb
Shelf Life:	1 year

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DIRECTIONS FOR USE

The number of **FireSnake®** sections necessary to close a pull-apart varies depending on weather conditions, track conditions and other variables. Start by using the same length of **FireSnake®** as you would have used diesel soaked rope.

For optimum performance read the following recommendations:

- Tamp **FireSnake®** lengths along the flange of the rail. Use Rail spikes to help hold FireSnake® on the flange to avoid roll-off. Works best when applied to windward side of rail.
- Use a fuse or other approved lighting method to ignite FireSnake® every 2 – 3 feet along its length. Estimated burn time is 15 – 20 minutes
- Two cans of **FireSnake®** will repair the normal "pull-apart" (1" – 2" gap). Note: under extreme conditions, it may be necessary to double up the **FireSnake®** or add additional lengths.
- To avoid hazardous residue, allow **FireSnake®** to burn completely and self extinguish. If you must extinguish the burning **FireSnake®**, do not attempt to put out **FireSnake®** by stepping on it. Dousing with water or smothering with sand or dirt will safely extinguish the burning product.
- Use Caution when opening the lid of the pail in case of vapor build-up. Do not smoke or have an open flame near pail when opening.
- Do not intentionally light **FireSnake®** while in the pail. Do not cut **FireSnake®**

STORAGE

The product must be stored in accordance with local and national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 73°F (23 °C) = minimum of 12 months*

*When kept in recommended storage condition and original unopened containers.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.

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