

UNIPLEX FRP49 N-1

Flame Retardant Plasticizer

Overview Uniplex FRP49 N-1 is liquid brominated/chlorinated plasticizer useful in flexible PVC, EPDM, and TPO applications. The product is especially useful in wire and cable compounds.

The key performance features of Uniplex FRP49 N-1 include:

- . ▪ Bromine/chlorine synergistic FR properties
- . ▪ Improved low temperature brittleness properties
- . ▪ Lower smoke properties than brominated phthalates

Typical Classification Proprietary blend

Properties

Assay (%)	95 minimum
Physical form	Yellow liquid
Gardner Color.....	3 maximum
Water Content (%).....	0.1 maximum
Acidity (meq/100 grams sample)	0.05 maximum
Pour Point (°C)	- 30
Bromine Content (%)	15
Chlorine Content (%)	28
Flash point	> 510°F
Specific Gravity (25°C).....	1.310
Specific Gravity (50°C).....	1.285
Shipping.....	Not regulated by
DOT Storage:	Store at ambient conditions

• Uniplex FRP N-1 may used in PVC, EPDM and TPO's as a flame retardant. Generally has lower smoke generation than conventional brominated phthalate plasticizers in ASTM E-662. It is compatible with brominated flame retardants, ATH, Magnesium Hydroxide, Phosphate flame retardants, and Zinc Borate.



P.O. BOX 16344 • 520 BROOME ROAD • GREENSBORO, NC 27406
TELEPHONE 336-378-0965 • FAX 336-272-4312
www.unitexchemical.com

HANDLING INFORMATION:

Refer to Material Safety Data Sheet

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.

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