

0909/0912 Triple Expanding & 0913/0920 Minimal Expanding Polyurethane Foams:

- **What is the base chemistry of these products?** Polyurethane based foams.
- **Does the foam stick/adhere to all substrates?** Foam exhibits excellent adhesion to most substrates except Teflon, PE & PP.
- **Will Polyurethane Foam affect polyethylene cable coatings?** No. Polyurethane Foam will not affect in any way, polyethylene cable coatings (or polyethylene in general), nor in liquid, nor in cured state. While the foam is safe for use on the cable coatings, adhesion between Polyurethane Foams & PE is generally not good.
- **What color is the RD Foam?** Champagne/Straw
- **Will any shrinkage be exhibited by either of the Red Devil PU Foams?** No.
- **Will any post expansion be evident with either of the foams?** No.
- **Can foam be removed from skin?** If the foam has not cured (still moist) it may be removed by wiping off with a dry cloth or by using a commercially available Polyurethane Foam Cleaner, Acetone or Nail Polish Remover that contains Acetone. (Do not use soap & water as moisture helps to cure foam.)
If the foam is already cured (firm & dry), it is difficult to remove but it is not harmful to health & will wear off in time. Do not use solvents. A pumice stone with warm, soapy water may be used to scrape dried foam from skin. Petroleum Jelly may also be applied to the foam. The area should then be covered with a plastic glove for up to an hour. The area should then be washed with soap & water.
- **Can foam be removed from clothing, carpet or other surfaces?** If the foam has not cured (still moist) it may be removed by wiping with a clean, dry cloth or by using acetone (or nail polish remover containing acetone). **DO NOT USE SOAP & WATER AS MOISTURE HELPS TO CURE FOAM.**
If the foam has already cured (firm & dry) it can not be removed from clothing, upholstery or carpets. Cured foam is difficult to remove, but may be trimmed, scraped or sanded from rigid surfaces; however, this may result in the need to re-paint or re-stain the surface.
- **Is RD Polyurethane Foam fire-retardant?** Yes, the sealants meet the criteria of flame/smoke to be classed as a Class 1 Foam. While these sealants are fire retardant (self-extinguishing when flame is removed) they are not to be used as a fire barrier or fire stop.
- **Is RD Polyurethane Foam waterproof?** Technically no, although they are quite water resistant & form an airtight seal when properly applied.
- **Can RD Polyurethane Foam be used to insulate a wall?** Not recommended. The sealants are designed to fill cracks, gaps & small voids & require ventilation & humidity to cure. Larger voids may not allow enough air penetration for proper curing & may require special techniques to insulate properly. RD Polyurethane Foams not recommended for use around tub surrounds.
- **Is it possible to re-use a can of foam after an initial application?** A can may be re-started for up to 2 to 3 weeks if it has been stored properly w/ the straw still

attached to the adapter & can. To re-start, cut the end off the straw (removing cured foam), shake well & follow the application directions on the can.

- **In what temperatures can I use RD Polyurethane Foam?** For best results apply @ temperatures between 60F & 100F. Polyurethane Foam Sealants require some humidity present, in order to cure properly.
- **Can RD Polyurethane Foams be used outdoors?** Yes! Triple Expanding as well as Minimal Expanding can be used outdoors. Outdoor applications should receive a couple of coats of premium paint to prevent UV Deterioration.
- **Will any other sealants adhere to cured PU Foams?** Yes. Silicone sealants, MS Polymer sealants, Polyurethane sealants & many Acrylic sealants demonstrate excellent to fully cured PU Foam. (they will also provide a measure of protection from UV attack, depending upon the quality of the sealant used atop the PU Foam).
- **Will RD Polyurethane Foams prevent insects &/or rodents from penetrating into the home?** The foam sealants do not contain any nutritive value & provide an effective barrier against insect & pest entry; however, some persistent pests may be able to chew through cured foam!
- **Why won't the foam come out of the can?** Follow directions closely to be sure you have attached the adapter securely & that you are holding the can in the correct direction (upside down or right side up). Shake can well.
In some instances, if the can has been stored improperly, pressurized air may have leaked from the valve, leaving the can without propellant.
- **How should RD Polyurethane Foam be stored?** Can should be stored upright, below 90 F. It is important to keep the can upright to ensure air does not leak from the valve until ready for use.
- **Do substrates require any unique preparation prior to applying RD Polyurethane Foam Sealant?** Substrates/surfaces should be clean & dry for best results. (Uncured foam is highly flammable during application.)
- **What is the Insulation Value per inch of Foam & Fill?** Although Polyurethane Foams are not recommended for insulating walls & related applications, the estimated insulation value is approximately R5 per inch.
- **What are some residential uses for RD Polyurethane Foam Sealants?**
 - **Basements & Attics:**
 - Sill plate & floor/wall junction
 - Headers
 - Pipe/duct penetrations
 - Wire/conduit penetrations
 - Hose bib
 - Dryer vent
 - Plumbing stacks & shafts
 - Window & door frames
 - Wall cracks
 - Attic hatch
 - Light fixtures
 - Seals out pests

Living Space:

- Baseboards
- Electrical receptacle & switches
- Plumbing/wire penetrations
- Air/heating vents
- Seals out pests

Exterior:

- Electric, gas & AC penetrations
- Vent hoods/roof vents
- Garage ceiling & walls
- Outside water faucet
- Insect damage to trees

- **What are some commercial uses for RD Polyurethane Foam Sealants?**

Agriculture:

- Silos
- Grain storage bins
- Pest control

Air Sealing:

- Roof/wall joints
- Wall penetrations
- Penetrations in attics
- New construction
- Odor control

Cold Storage:

- Floor storage
- Fluted roof decks
- Wall to wall intersects

HVAC:

- Ceiling/floor/wall penetration sealant
- HVAC duct sealant
- Geothermal pipe insulator

Pool & Spa:

- Insulation repair
- Structural support
- Sound dampening

Theatrical:

- Stage & movie sets
- Parade floats
- Amusement park scenery

Plumbing:

- Sealant around copper or PVC pipes & penetrations
- Bathtub/shower base stabilizer
- Fiberglass bathtub repair

Where can additional information be found on Red Devil Polyurethane Foam Sealants? See MSDS & TDS on this website (www.reddevil.com).

NOTE: 0913, 0920 Minimal Expanding Foam can be used whenever less expanding of applied foam is desired