

## **FDM ATR Retail Adhesives & Sealants (458 Spectra)**

The spectra run on a single bounce monolithic Diamond ATR crystal have a spectral range of 400 cm<sup>-1</sup> to 4000 cm<sup>-1</sup>. The optical resolution is 2 cm<sup>-1</sup>.

These spectra are of adhesives and sealants available in wide variety of retail stores in Madison, Wisconsin, USA in late 2012 and early 2013. The samples cover general use, construction, automotive, and arts and craft products. Considerable effort was made to obtain samples covering all imaginable retail A&S products. Samples include various acrylates, epoxies, urethanes, silicones and much more. Samples were generally run cured or dried for one day in a hood. The samples were then clamped into the ATR accessory.

Samples from the chemical name index:

3M Auto Plastic Emblem and Trim Adhesive

3M Carpenters Wood Glue, Indoor

3M Ceramic Adhesive, Outdoor, cured

3M Ceramic Adhesive, Outdoor, hardener

3M Ceramic Adhesive, Outdoor, resin

3M Concrete Adhesive, Outdoor, cured

3M Concrete Adhesive, Outdoor, hardener

3M Concrete Adhesive, Outdoor, resin

3M Scotch Photo Mount(tm)

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ELMERS(r) Carpenters(r) WoodGlueMax(r) Interior, Exterior

ELMERS(r) China plus Glass Cement

ELMERS(r) Contact Cement

ELMERS(r) Craft Bond(tm) Extra Strength Glue Stick

ELMERS(r) Craft Bond(tm) Paper Craft Glue Gel

ELMERS(r) ELMERS(r) Stix-ALL(r) Gel Cement

ELMERS(r) Glue-All(r) Max

ELMERS(r) Household Cement

ELMERS(r) Model plus Hobby Cement

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GE Waterproof Silicone, Silicone I\*, Kitchen, Bath, Plumbing, clear

Gold Eagle(r) AlumAseal(r) Radiator Stop Leak

Goo Gone(r) Pro Power(tm), PNGG12DO

Gorilla Glue

Gorilla Glue, Precision Glue Pen

Harveys Epoxy Putty, Single Stick, PN044150

Harveys, Harveyseal Formula 55, Pipe Thread Compound for Lines Carrying Gas, PN025020

Harveys, Plumber's Epoxy Putty, PN044010, inside brown hardener

Harveys, Plumber's Epoxy Putty, PN044010, outside grey resin

Harveys, TFE Paste, white, slow setting, PN023030

HDX(tm) Latex Plus Silicone Caulk, white

Hi-Bond MEK-P Hardener, PN701750

Imperial(r) Furnace Cement, black

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