

# BEDFORD

## Specialty Sales

### Coating, Adhesive, Sealants & Elastomers Product Offering

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#### UV Monomers

##### *Acrylates*

2-Ethylhexyl Acrylate (2-EHA)  
Acrylic Acid (AA)  
Acrylic Acid Glacial (AAG)  
Butyl Acrylate (BA)  
Ethyl Acrylate (EA)  
Methyl Acrylate (MA)  
Vinyl Acetate Monomer (VAM)  
Iso Bornyl Acrylate (IBOA)  
Iso Butyl Acrylate (IBA)  
Tert.-Butyl Acrylate  
Dihydrodicyclopentadienyl Acrylate (DCPA)  
Trimethylolpropane Triacrylate (TMPTA)  
Tripropylene Glycol Diacrylate (TPGDA)  
1,4-Butanediol Diacrylate (BDDA)  
1,6-Hexanediol Diacrylate (HDDA)  
Dipropylene glycol Diacrylate (DPGDA)  
Pentaerythritol Triacrylate (PETA)

##### *Hydroxy Acrylates*

2-Hydroxyethyl Acrylate (2-HEA)  
2-Hydroxypropyl Acrylate (2-HPA)  
2-Hydroxyethyl Methacrylate (HEMA)  
2-Hydroxypropyl Methacrylate (HPMA)

##### *Methacrylates*

Ethyl Methacrylate (EMA)  
Glycidyl Methacrylate (GMA)  
Methacrylic Acid (MAA)  
Methyl Methacrylate (MMA)  
n-Butyl Methacrylate (nBMA)  
Methoxyethylacrylate (MEA)  
Methoxymethylacrylate (MEMA)  
2-Ethyl Hexyl Methacrylate (EHMA)  
Allyl Methacrylate (AMA)  
Cyclohexyl Methacrylate (CHMA)  
Di Ethylene Glycol Di Methacrylate (DEGDMA)  
2-Dimethylaminoethyl Methacrylate (DMAEMA)  
Diethylaminoethyl Methacrylate (DEAM)  
Iso Butyl Methacrylate (IBMA)  
Iso Bornyl Methacrylate (IBOMA)  
Lauryl Methacrylate (LMA)  
Tert.-Butyl Methacrylate (TBMA)  
2-Tert.-Butylaminoethyl Methacrylate (TBAEMA)  
2-Trimethylammonium Ethyl Methacrylate Chloride (TMAEMAC)  
Tri Ethylene Glycol Di Methacrylate (TREGDMA)  
1,3-Butylene Glycol Dimethacrylate (BGDMA)  
Ethylene Glycol Dimethacrylate (EGDMA)  
1,4-Butanediol Dimethacrylate (BDDMA)  
Trimethylolpropane Trimethacrylate (TMPTMA)

#### UV Oligomers

##### *Urethane Acrylate*

Aliphatic & Aromatic

##### *Epoxy Acrylate*

Bis-A, Modified, Novolac

##### *Bio-Based Acrylate*

Epoxy Acrylate, Water soluble, Modified

##### *Other*

Half ester, Amine Synergist, Acrylic Acrylate, Dual Core

# Epoxies

## **Resins**

Bisphenol-A and Bisphenol-F based resins  
Cycloaliphatic resins  
Epoxy phenol novolac resins  
Multifunctional resins  
Benzoxazine resins  
Bismaleimide resins  
Brominated resins  
Dimer acid based resins  
Alkyl phenolic resins

## **Accelerators and catalysts**

Urea accelerator

## **Reactive diluents**

Aliphatic and Aromatic (mono, di and trifunctional)  
Cycloaliphatic (difunctional)

## **Curing agents**

Aliphatic, Aromatic, & Cycloaliphatic amines and their adducts  
Dicyandiamide  
Phenalkamines  
Polyamides and Polyamidoamines  
Polyetheramine

# Organofunctional Silanes

3-Aminopropyltriethoxysilane (AMEO)  
3-Aminopropyltrimethoxysilane (AMMO)  
N-2-Aminoethyl-3-Aminopropyltrimethoxysilane (DAMO)  
3-Glycidoxypropyl Trimethoxysilane (GLYMO)  
Hexamethyldisiloxane (HDMS)  
Hexamethyldisilazane (HMDZ)  
3-Methacryloxypropyltrimethoxysilane (MEMO)  
Methyltris(Methylethylketoxime)silane (MOS)

Methyltriethoxysilane (MTES)  
Mercaptopropyltrimethoxysilane (MTMO)  
Methyltrimethoxysilane (MTMS)  
Octyltriethoxysilane (OCTEO)  
Phenyltrimethoxysilane (PTMS)  
Tetraethylorthosilicate (TEOS)  
Vinyltriethoxysilane (VTEO)  
Vinyltrimethoxysilane (VTMO)  
Vinyltris(2-methoxyethoxy)silane (VTMOEO)

# Products of Strength

**Acrylics** - Dispersions, emulsions, NISO, solventborne, water reducible.

**Alkyd resins** - Dispersions, emulsions, modified, solventborne, water reducible.

**Bio / Eco based raw materials and additive** – polymers, process oils, CaCO<sub>3</sub>, silica, ZnO, polyether polyols, UV monomers, epoxies, and more

**Dyes and Pigments** - Chrome, corrosive inhibitive, iron oxides, phthalocyanine, ultramarine, carbon black, pearlescent effect, phosphorescents and pigment dispersions

**Flame Retardants** - Antimony oxide, Aluminum trihydrate, brominated compounds, borates, magnesium oxide, magnesium hydroxide, molybdates, stannates

**Gum Rosins** – Disproportionated, Dimerized, Esters, Modified

**Hockmeyer Milling & Mixing Equipment** – Single & multi-shaft dispersers, Immersion Mills, Vacuum Recirculating Mills, Presses, Vessel Washers

## **Nitrocellulose**

**Polymers** – Fluoropolymers, EVA, PBAT, PE, PLA, POE, PP, TPE, TPV, etc.

**Polyurethanes** – polyols, TPU, aromatic and aliphatic prepolymers, isocyanates

**Process Oils** – Naphthenic and Paraffinic process oils, Paraffin wax

**Silica** - Hydrophilic and hydrophobic fumed silica, fumed oxides, precipitated silica, flatting agents

**Silicones** – PDMS, RTV, HCR, FVMQ

**Other** - Amines, Amides, Arcylamides, Benzyl Alcohol, Biocides, P-Toluenesulfonyl chloride, Pentaerythritol, Plasticizers, 2-amino-2-methyl-1-propanol, 4-CP

