

## TECHNICAL DATA SHEET

**NAME OF COMMODITY:** VINYL NEODECANOATE  
Offset to: HEXION VEOVA 10 MONOMER

**CAS NO.:** 51000-52-3

**MOLECULAR FORMULA:** C<sub>12</sub>H<sub>22</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 198.3

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	Clear liquid
Color Pt-Co	≤ 15
Density @ 20°C kg/m <sup>3</sup>	0.875 – 0.885
Refractive Index 25 °C	1.432 – 1.437
Water Content %	≤ 0.10
Acid Value as KOH mg/g	≤ 1.0
Vinyl Unsaturation mol/kg	4.85 – 5.10
BTX Content ppm	≤ 0.1

### APPLICATION:

The vinyl esters of neocarboxylic acid have a unique highly branched aliphatic structure which contributes to the enhancement of key performance properties. The branched neocarboxylic acid structure in a polymer chain sterically protects the ester bonds of Vinyl Esters of neocarboxylic acid and of the adjacent monomer units against hydrolysis resulting in greatly improved alkali resistance and UV resistance. Finally, they will not be degraded by UV light and therefore will not cause yellowing

Neocarboxylic Acid applications include: decorative emulsion paints, plasters and renders. Industrial paints and coatings such as anti-corrosion paints, wood coatings and varnishes and coatings for polyolefins. Latices and spray-dried re-dispersible powders for mortar admixtures. Reactive diluent for specific heat-cured unsaturated polyesters.

**PACKING:** 180kg net drum, 14.4mt/20'fcl, palletized or ISO tank