



THE HANSON GROUP, LLC  
GOOD PEOPLE, GREAT SCIENCE

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## UV-353

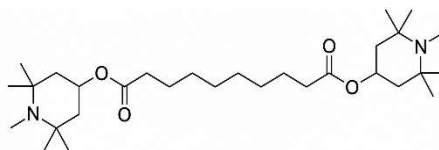
### TECHNICAL DATA SHEET

**PRODUCT NAME:** Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

**SYNONYM:** UV-353

**CAS NO:** 41556-26-7 & 82919-37-7

**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>56</sub>O<sub>4</sub>N<sub>2</sub>



UV-353 is primarily used in paints, coatings, inks, polyurethane coatings, and other applications requiring enhanced resistance to UV exposure. It helps maintain coating gloss and appearance when exposed to sunlight while reducing the risk of cracking, peeling, and surface degradation, thereby extending the overall service life of the coating. UV-353 is particularly effective in automotive coating applications and provides synergistic performance when used in combination with UV absorbers.

| Test Item(s)          | Specification(s)                                               |
|-----------------------|----------------------------------------------------------------|
| Appearance            | Light yellowish liquid                                         |
| Assay (purity) %      | 96.0% min.                                                     |
| Volatile Content%     | 0.5 % max.                                                     |
| Ash Content % (750°C) | 0.1% max.                                                      |
| Clarity               | 10g in 100ml toluene from a Clear solution at room temperature |
| Hazen                 | 40 max.                                                        |
| Transmittance @425nm  | @425 nm: 98% min.                                              |
| Transmittance @500nm  | @500 nm: 99% min.                                              |

**PACKAGE:** 1,000 kg Tote

**STORAGE:** UV-353 is stable, but recommend storing in a cool, dry location away from heat and air.

**SHELF LIFE:** 24 months under recommended storage conditions. After 24 months, retest material.

For more information about safety and environment, please refer to our SDS or contact our customer service center.