Technical Data Sheet

Product name: UV-326
Product Form: Powder
Chemical name: 2'-(2'-Hydroxy-3'-tert-buty-5'-methyl-phenyl)-5-chlorobenzotriazole
Synonym: Tinuvin 326, Bumetrizole (REACH)
CAS No: 3896-11-5
EINECS No: 223-445-4
Molecular formula: C₁₇H₁₈N₃OCl
Molecular weight: 315.80
IUPAC name: 2-tert-butyl-6-(5-chlorobenzotriazol-2-yl)-4-methylphenol

Chemical Specification

Appearance: White with light yellow powder
Assay (%): 99.0 min.
Melting Point (°C): 138.0 min
Volatile matter (%): 0.5 max.
Ash content (%): 0.05 max.
Light transmittance:
460 (nm) (%): 97.0 min.
500 (nm) (%): 98.0 min.

Packing:
In 20kgs net carton or 15kgs kraftpaper bag or 300kg bulk bag or 20kg fiber drum. 480kgs per Pallet wrapped and film shrunk (for 20kg carton box).

Loading capacity:
9.6mt per 20'FCL

Physical properties:
Specific Gravity @ 25°C: 1.32
Bulk Density (kg/m³): 260
Flash point °C: 232
Appearance: white with light yellow powder

**Solubility @ 25°C (g/100g solvent)**

- Acetone: 2
- Ethyl Acetate: 4
- Methyl Alcohol: 0.1
- Ethyl Alcohol: 0.1
- Chloroform: 13
- Benzene: 10.5
- Toluence: 14
- Styrene: 14
- Butyl Acetate: 3.8
- Methyl Methacrylate: 5.2
- Water: <0.1

**Application:**
UV-326 is a strong ultraviolet light absorber for use in polyolefins, polyester resins and coating. It is also suitable for use in unsaturated polyester coatings, cured with cobalt-catalyst, without any discoloration.

**Food Contact:**
This compound has broad food contact approvals.

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