

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 1109 FOAM CONTROL AGENT

Product Description

Tramfloc® 1109 is a resin based defoamer designed to control foam in UV/electron beam, EB, cured media. Tramfloc® 1109 is formulated specifically for use in UV curable oligomers, printing inks, and coatings. Tests have shown Tramfloc® 1109 to be comparable or superior to silicones and is much more compatible with UV monomers and oligomers. Tramfloc® 1109 eliminates separation and film flaws that are problematic with silicones. Tramfloc® 1109 does not interfere with the application of top coats or adhesives to cured films.

Tramfloc® 1109 contains reactive functionality and therefore becomes incorporated into the macromolecule as the film is cured. Tramfloc® 1109 does not separate ensuring uniform defoaming results from the entire container of neat reagent.

Properties

Tramfloc® 1109 has an appearance of a hazy, light amber liquid. The product has a density of 7.42 lbs. per gallon and a flash point of > 390° F.

Uses

Tramfloc® 1109 is used for the following applications: UV/EB cured overprint varnishes, UV/EB cured inks, and epoxies. General dosages are usually in the 0.05-0.5% range. Tramfloc® 1109 should be fed neat as the formulation loses effectiveness if it is pre-diluted with water prior to use.

Safety and Health

Wash exposed areas with soap and water. Flush eyes with water for a minimum of 15 minutes. If irritation or nausea persists, seek medical attention. If inhalation occurs, move victim to fresh air. If unconscious, administer artificial respiration and seek medical attention. Read the material safety data sheet.

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