

TECHNICAL DATA SHEET

30-8205 Additive Dispersion

INTRODUCTION

30-8205 is a dispersion in water of a mixture of rosin-like natural products. The important functional groups are carboxylic acids. Solids as supplied are 40% with the volatile portion primarily water. This product is designed as an alternative to the 30-8401.

When used as an additive to certain waterborne adhesives and coatings, 30-8205 can improve the adhesion over painted substrates that are hard and/or highly crosslinked due to baking.

30-8205 has been used to adjust and/or control the degree of adhesion in strippable coatings, underbody coatings, and masking coatings in the automotive OEM and refinish industries. It has been used also to improve adhesion of waterborne adhesives for paper labels used on painted metal cans and drums.

FORMULATING

30-8205 is a non-film former requiring the incorporation of a film forming polymer to be used effectively.

NOTE! Care should be taken when adjusting pH upward or adding a co-solvent to avoid separation and/or long term stability problems.

TYPICAL PROPERTIES

CHARACTERISTICS	TYPICAL VALUE
Appearance	Tan, milky, liquid
Solids	38-42%
Volatiles	Water (97.2%) Ammonia (1.1%) Propoxypropanol (1.7%)
Viscosity (Brookfield)	200 – 900 cps
pH	7.5 - 8.5
Weight lbs./gallon	8.7 - 8.9
Particle Size (Hegman)	> 6

STORAGE AND PRECAUTIONS

30-8205, additive dispersion, should be kept in sealed, airtight containers away from extremes in temperature. Its use should be restricted to trained workers who are familiar with the material safety data sheet and are using appropriate protective equipment.