

## **37080 Gum Accaroid, powder**

## **37081 Gum Accaroid, yellow red**

Synonyms: gum accroides, botany bay gum, black boy gum

CAS No.: 93164-80-8

EINECS: 296-861-7

Gum accroides is the resin that is obtained from Australian trees which belong to the Xanthorrhoeaceae species. Xanthorrhoea hastilis produces a yellowish resin, X. australis and X. arborea produce a reddish resin. The yellow resin is sold in large lumps, while the red resin is sold in pea-sized pieces.

Gum accroides contains various aromatic substances such as coumaric acid, cinammon acid, benzoic acid and esters of coumaric and cinnamic acids.

The resin is composed of esters of coumaric acid and cinnamic acid from the xanthoresinotannol, the yellowish color is produced by picric acid and tannin. The resins will have a more reddish and brownish hue if more tannin is present.

The red, as well as the yellow resin are soluble in alcohol, ether and acetic acid. Solutions with alcohol, for example spirit lacquers, dry fast and make a hard drying film. These solutions are excellent substitutes for shellac and copal varnishes. Gum accroides is usually used when dark or colored varnishes are preferred. The lightfastness of gum accroides is relatively good. In the past gum accroides was used for varnishes on metal and in the soap and leather industry.