@Đinh Hiền A Hiền, bên Evonik phản hồi cho vấn đề mình hỏi tạp chất của chất TE19:

TOC 100% active = 74,4%

TOC product and solvent = 70,8 %

There is no molecular formula because it is a UVCB-material

CAS number can be disclosed only to Bluesign authorities. It is confidential information. Please send contact person details in Bluesign.

Tính toán Tổng cacbon hữu cơ TOC của NIS-05

Thành phần công thức:

* TE-19( H362): 17%, TOC of TE-19= 74.4%, . The correction factor would be 0.2 as the polymer seems not to be intended to remain on the fabric
* Butyl carbitol (H61): 2%

TOC of NIS-05 = TOC of TE-19\*C%\*0.2 + TOC of Butylcarbitol\*C%\*1

* Công thức of butylcarbitol = C8H18O3

M of butylcarbitol = 12\*8 + 18 + 16\*3 = 96+18+48 = 162

M of carbon = 12\*8 = 96

% Carbon of butylcrbitol = 96/162 = 0.592

* TOC of NIS = 0.744\*0.17\*0.2 + 0.592\*0.02\*1 = 0.0253 + 0.0118 = 0.0371
* Result is TOC of NIS = 37.1 mg/g.