

Technical information

BISPHENOL RESIN

Synonyms: solution in phenol of bisphenol A and homologues / oligomers

Formula: na

HTS number.: 29072900

EINECS: listed

PROPERTIES

Appearance	brown viscous liquid to solid with phenolic odor	
Density	~ 1 kg/l	
Solubility	water:	slightly
	alkalies:	soluble
	oxygenated solvents:	soluble

COMPOSITION

	% wt, approximate
Phenol	≤5
Bisphenols	40
Chromane/ indane, spiroindane	40
trisphenol	5
Other oligomers	10

PACKING

60 % Bisphenol resin/ 40 % phenol, bulk in road tanker;

HEALTH & SAFETY, SHIPPING

Classification	T-Toxic
UN nr	2810
Codes / markings	R 24/25-34-41-62
	S 26-36/37/39-45
Packing group	II
ADR/RID	6.1



APPLICATIONS

- Bisphenol resin is used on a large scale as an economic substitute for part of the phenol in phenol/formaldehyde (PF) resins. Less formaldehyde is needed; the Bisphenol A present yields reduced brittleness of the finished PF resin.
- Bisphenol resin may also be used to replace part of the Bisphenol A in making low-priced epoxy resins.
- for more detail see our leaflets/brochures:
 - Bisphenol A resins (02241, 1 p)
 - BPA resin in novolacs (02248, 3 p)
 - BPA resin in resoles (02249, 3 p)
 - Use of BPA resin (02247, 3 p)
 - BPA resin in epoxy resins (02246, 3 p)

March 2010; Bisphenol resin 01055
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BISPHENOL RESIN (Cont'd) BPA REACTION CHEMISTRY

