Composites UK
Trade Association

Technical Advice Notice

Changes in Labelling of Resins and Products Containing DBNPG (Dibromoneopentyl Glycol)

DBNPG (Dibromoneopentyl Glycol) is a fire retardant commonly added to resins supplied for fire and chemical resistance.

Reclassification of DBNPG

Dibromoneopentyl glycol (DBNPG, CAS 3296-90-0) is currently going through the harmonised classification and labelling process from Carcinogenic/Mutagenic Cat 2 to Carcinogenic/Mutagenic Cat 1b. It will likely be listed on the SVHC (substances of very high concern) list in early 2022.

Changes in labelling of resins containing DBNPG

Where a resin (mixture) contains >0.1% of a substance classified as Carc 1B or Muta 1B, then the resin (mixture) itself is also classified. Labelling on resins will thus change to reflect this – likely date for change is autumn 2021.

Products manufactured from resins containing DBNPG

Products (Articles) containing DBNPG do not require labelling as such until the chemical is listed as a substance of very high concern (SVHC). Once the chemical is listed as SVHC then if the product (article) contains > 0.1% (by weight) of DBNPG, this must be communicated to the downstream user. REACH does not specify that you must provide this information on a label but this must be included on the COSHH data sheet for safe handling.

From a handling perspective, it seems that dust (particularly from cutting operations) is the biggest risk. FFP2 masks are recommended for use when cutting Class 1/O rated sheets containing >0.1% of DBNPG.

For guidance on handling GRP dust:
https://compositesuk.co.uk/system/files/healthsafety/documents/Glass%20Fibre%20Dust.pdf

Contact

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