

SINGAPORE CIVIL DEFENCE FORCE

Our Ref. : CD/FSSD/12/02/03/01

Your Ref :

Date : 31 May 2013



HQ Singapore Civil Defence Force
91 Ubi Avenue 4
Singapore 408827
Tel : 68481457
Fax : 68481489

Registrar, Board of Architects (BOA)
Registrar, Professional Engineers Board (PEB)
President, Singapore Institute of Architects (SIA)
President, Institution of Engineers, Singapore (IES)
President, Association of Consulting Engineers, Singapore (ACES)

Dear Sir/Mdm,

USE OF PLASTIC MATERIAL IN BUILDING CONSTRUCTION

SCDF has received feedback that it is common practice in the building construction industry to use plastics or materials containing plastics, like polycarbonate in some construction works, such as roofing in sheds, commonly done in landed houses, and factories.

2. Clause 3.15 of the Fire Code stipulates the requirements for construction materials. In particular, clause 3.15.14 states that walls, ceilings, roof covering and finishes shall not contain any plastic material. Plastic material is highly combustible and some of which produce flaming droplets and emits toxic fumes when subject to burning. Therefore it is undesirable to use such materials in the construction of any part of a building.

3. This circular serves to remind Qualified Persons (QPs) and building contractors that plastic material is not permitted in building construction. Should there be a need to use this material, approval from SCDF must be obtained. If you are in doubt or require clarification whether a material has plastic content, please consult Mr Pang Tong Teck at Tel: [68481403](tel:68481403) or E-mail: Pang_Tong_Teck@scdf.gov.sg.



4. Please convey the contents of this circular to members of your Institution / Association / Board. The circular is also available in CORENET-e-Info: <http://www.corenet.gov.sg/einfo>.

Yours faithfully,

(transmitted via e-mail)
MAJ Lee Kok Chuen
Secretary, FSSD Standing Committee
for Commissioner
Singapore Civil Defence Force

cc

All members of FSSD Standing Committee
President, REDAS
President, IFE
President, SISV
CEO, BCA
CEO, URA
CEO, HDB
CEO, PSA
CEO, JTC
CE, LTA
CE, TUV SUD PSB – (Attn: Ms Emily Mok/ Mr Joseph Chng)
CE, SPRING Singapore – (Attn: Mr Kenneth Lim)
President, FSMAS
President, SCAL
Honorary Secretary, SPM