tetramethyl orthosilicate

IDENTIFICATION NUMBERS

- **CAS:** 681-84-5
- **EC/EINECS:** 211-656-4
- **International Chemical Safety Card (ICSC):** 1188

MORE INFORMATION

- **Molecular Formula:** C4H12O4Si
- **Synonyms:** SILICATO DE METILO

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases



GHS05

Corrosive to metals



GHS06

Acute toxicity (oral, dermal, inhalation)

Signal word: **Danger**

H Phrases

H226 : Flammable liquid and vapour

H330 : Fatal if inhaled

H315 : Causes skin irritation

H318 : Causes serious eye damage

Specific health risks

Occupational Exposure Limits (OEL)

Daily exposure limit values (VLA-ED) published by the Spanish National Institute of Safety and Health at Work (INSST). They represent the average concentration of a chemical agent in the worker's breathing zone, measured or calculated in a time-weighted manner for an 8-hour daily working period. (https://www.insst.es/valores-limites-de-exposicion)

OCCUPATIONAL EXPOSURE LIMITS

State / Form	TWA (ppm)	TWA (mg/m³)	STEL (ppm)	STEL (mg/m³)	Notes
—	1	6.3	—	—	—