## TABLE 2 - WATER-REACTIVE MATERIALS WHICH PRODUCE TOXIC GASES

Materials Which Produce Large Amounts of Toxic-by-Inhalation (TIH) (PIH in the US) Gas(es) When Spilled in Water

ID No.	Guid No.	e Name of Material	TIH Gas(es) Produced
1777	137	Fluorosulfonic acid	HF
1777	137	Fluorosulphonic acid	HF
1781	156	Hexadecyltrichlorosilane	HCI
1784	156	Hexyltrichlorosilane	HCI
1799	156	Nonyltrichlorosilane	HCI
1800	156	Octadecyltrichlorosilane	HCI
1801	156	Octyltrichlorosilane	HCI
1804	156	Phenyltrichlorosilane	HCI
1806	137	Phosphorus pentachloride	HCI
1808	137	Phosphorus tribromide	HBr
1809	137	Phosphorus trichloride	HCI
1810	137	Phosphorus oxychloride	HCI
1815	132	Propionyl chloride	HCI
1816	155	Propyltrichlorosilane	HCI
1818	157	Silicon tetrachloride	HCI
1828	137	Sulfur chlorides	HCI SO <sub>2</sub> H <sub>2</sub> S
1828	137	Sulphur chlorides	HCI SO <sub>2</sub> H <sub>2</sub> S
1834	137	Sulfuryl chloride	HCI
1834	137	Sulphuryl chloride	HCI
1836	137	Thionyl chloride	HCI SO <sub>2</sub>
1838	137	Titanium tetrachloride	HCI
1898	156	Acetyl iodide	HI
1923	135	Calcium dithionite	H <sub>2</sub> S SO <sub>2</sub>
Chemical Symbols for TIH (PIH in the US) Gases:			
Br <sub>2</sub> Cl <sub>2</sub> HBr HCl HCN	Brom Chlo Hydr Hydr	ine HF Hydrogen fluoride NC	H <sub>3</sub> Phosphine D <sub>2</sub> Sulfur dioxide