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

ID No.	Guide No.	Name of Material	TIH Gas(es) Produced
1162	**155**	Dimethyldichlorosilane	HCl
1183	**139**	Ethyldichlorosilane	HCl
1196	**155**	Ethyltrichlorosilane	HCl
1242	**139**	Methyldichlorosilane	HCl
1250	**155**	Methyltrichlorosilane	HCl
1295	**139**	Trichlorosilane	HCl
1298	**155**	Trimethylchlorosilane	HCl
1305	**155P**	Vinyltrichlorosilane	HCl
1305	**155P**	Vinyltrichlorosilane, stabilized	HCl
1340	**139**	Phosphorus pentasulfide, free from yellow and white Phosphorus	H_2S
1340	**139**	Phosphorus pentasulphide, free from yellow and white Phosphorus	H_2S
1360	**139**	Calcium phosphide	PH_3
1384	**135**	Sodium dithionite	H_2S SO_2
1384	**135**	Sodium hydrosulfite	H_2S SO_2
1384	**135**	Sodium hydrosulphite	H_2S SO_2
1390	**139**	Alkali metal amides	NH_3
1397	**139**	Aluminum phosphide	PH_3
1419	**139**	Magnesium aluminum phosphide	PH_3
1432	**139**	Sodium phosphide	PH_3
1541	**155**	Acetone cyanohydrin, stabilized	HCN
1680	**157**	Potassium cyanide, solid	HCN
1689	**157**	Sodium cyanide, solid	HCN

Chemical Symbols for TIH (PIH in the US) Gases:

Br_2	Bromine	HF	Hydrogen fluoride	NO_2	Nitrogen dioxide
Cl_2	Chlorine	HI	Hydrogen iodide	PH_3	Phosphine
HBr	Hydrogen bromide	H_2S	Hydrogen sulfide	SO_2	Sulfur dioxide
HCl	Hydrogen chloride	H_2S	Hydrogen sulphide	SO_2	Sulphur dioxide
HCN	Hydrogen cyanide	NH_3	Ammonia		