Tekmar Spot Fluids: Safety and Shipping

Flash point, hazards, Prop 65 and shipping class for every Tekmar spot fluid, from Tekmar's own SDS sheets.

Spot fluids: safety facts from the SDS

Fluid	Main ingredient	Flash point	In a TG gun?	Signal word
TS-5	trans-1,2-dichloroethylene 80-100%	None (ASTM D56)	Yes	Warning
DT-1000	trans-1,2-dichloroethylene 80-100%	None	Yes	Warning
Premium 2000	No MeCl, NPB or perc (Tekmar)	None	Yes	Warning
TS-3	Methylene chloride 70-<90%	> 212 F	Yes	Danger
TS-1	Methylene chloride 72-<90%	> 212 F	Yes	Danger
TS-V	Methylene chloride 70-<90%	> 212 F	No (bottle)	Danger
TS-Special	Acetone 90%, petroleum ether 10%	7 F or lower	NO - never	Danger
Scorch Remover	Hydrogen peroxide (oxidizer)	n/a	No (pump spray)	see SDS

Prop 65 (as printed on the SDS)

TS-1, TS-3, TS-V	Methylene chloride: cancer warning.
TS-Special	Heptane: cancer warning.
TS-5, DT-1000, Premium 2000	Tekmar: ingredients not Prop 65 listed.

Shipping (SDS section 14 / Tekmar bulletin)

Fluid	Shipping
TS-5, DT-1000, Premium 2000	Not hazardous for transportation
TS-1, TS-3 1 gal and smaller	Limited Quantity, ground, no hazmat paperwork (Tekmar bulletin)
TS-1, TS-3 2.5 / 5 / 55 gal	Toxic liquid n.o.s., 6.1, UN2810, PG III: hazmat paperwork and TOXIC label
TS-Special	UN1993 flammable liquid n.o.s., Class 3, PG II, marine pollutant; ground only. Tekmar: 12 x 1 qt case ships ground without hazmat paperwork
Scorch Remover	16 oz: ORM-D / limited quantity ground; 1 gal+: UN2984, 5.1
Kwik Kool concentrate, TB adhesives, TB-AR	Not regulated

Every time

1	Read the SDS before first use; keep it at the bench.
2	Ventilate: Tekmar strongly recommends a vacuum exhaust station.
3	Goggles and chemical-resistant gloves.
4	Methylene chloride (TS-1, TS-3, TS-V): OSHA workplace limits 25 ppm (8 h) and 125 ppm (15 min).

Sources: Tekmar parts lists, manuals and SDS sheets (tekmarltd.com, read 11-2026); hosted at buckets-accounting.vercel.app/boi/docs/makers/tekmar. Tekmar's current documents govern.