

TOP SECRET COATINGS TS 103 Aluminum Performance Data Sheet

Top Secret Coatings
1999 Elizabeth St.
No. Brunswick, NJ 08902
<http://www.topsecretcoatings.com>

Material Safety Data Sheet
For Coatings and Related Materials
Prep: Dec. 2006 Update: Current

Section I - Product Identification

Product Number: TS 103 (TT-P-38D)

National Stock No:

Product Name: Aluminum Paint, Ready Mixed

Product Class: Aliphatic Hydrocarbon, Pigmented

Hazardous Material: Yes: XX No:

EPA Registration Number (if applicable): N/A

24 Hour Emergency Assistance
Emergency (Chemtrec) (800) 424 9300
Information (Top Secret) (732) 821-3200

Hazard Rating		This Product
0	Lowest	Health: 2
1		Flammability: 1
2		Reactivity: 0
3		Personal Protection: G
4	Extreme	

Section II - Hazardous Ingredients

Ingredient	CAS Number	Percent (By Weight)	Occupational Exposure	
			TLV (ACGIH)	PEL (OSHA)
Petroleum Distillates	64742-47-8	29.17%	100ppm	200ppm
Dipentene	138-86-3	3.65%	100ppm	Not Estab.
Mineral Spirits 350	8032-32-4	8.00%	100ppm	100ppm
Aluminum Flakes	7429-90-5	13.82%	5mg/m3	5mg/m3

CAUTION: Product contains aluminum. Contact with water, acids, or alkalis will form hydrogen gas. Pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, this product contains or may contain a toxic chemical in a quantity subject to the reporting requirements under Section 313"

Section III - Physical Data

Boiling Range: 307-387 F.

Weight/Gallon: 8.14 lbs.

Vapor Pressure: 2.6mmHg@20C

Vapor Density:

Heavier than Air: XX

Lighter than Air:

Evaporation Rate:

Faster than Ether:

Slower than Ether: XX

Percent Organic Volatile by Volume:
52.70%

pH: N/A

Solubility in Water: NIL

VOC: 416 Grams/Liter (Less Water)

Viscosity: 51 Sec. #4 Ford Cup

Reactivity in Water: NIL

Melting Point: N/A

Freezing Point: N/A

Decomposition Temp: N/A

Appearance & Odor: Silvery thin liquid, mild odor.

Section IV - Fire and Explosion Hazard Data

Flammability Classification:

OSHA: Combustible

Flash Point: 107 F. TCC

Class: 3

LEL: 0.7% **UEL:** 6.0%

DOT: Combustible

UN Number: 1263

Extinguishing Media: Foam, CO2, or Dry Chemical.

Use the above or any Class B extinguishing agent. Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.

Special Firefighting Procedures: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus. Evacuate area of unprotected personnel. Wear protective clothing.

Unusual Fire and Explosion Hazards: Vapors may form an explosive mixture in air and may be ignited by sparks, pilot lights, etc. Closed containers may rupture when exposed to extreme heat. Containers contaminated with water may become explosive due to formation of hydrogen gas from aluminum and water reacting.