

Aimtek PLASMA Silicone TDS

Application Properties

Aimtek PLASMA silicone is recommended for multiple masking applications, including but not limited to: plasma spray masking, HVOF masking, low-medium aggression grit blast masking, shot peen masking, heat-cured paint masking.

- Dry-touch surface
- Resistant to alcohol, acetone, degreaser cleaning solutions
- Resistant to Nitric acid and Hydrochloric acid stripping solutions
- Thermal degradation above 250°C subject to exposure duration
- Ignition temperature in excess of 400°C

Technical Properties – Cured state

Property	Condition	Value	Method
Density in Water	23C	1.28g/cm ³	DIN EN ISO 1183-1 A
Tear Strength	-	15N/mm	ASTM D 624 B
Hardness Shore A	-	55	DIN ISO 48-4
Tensile Strength	-	5.5N/mm ²	ISO 37 type 1
Elongation at Break	-	280%	ISO 37 type 1

Regulatory Product Information

RoHS (Restriction of Hazardous Substances)

None of the substances mentioned in Directive 2015/863/EU (RoHS) are intentionally introduced. Therefore they are not expected to be present in amounts exceeding the defined limit values.

Heavy Metals

- Directive 94/62/EC (Packaging and packaging waste)
- CONEG (Coalition of Northeastern Governors)
- Directive 2000/53/EC (End-of life vehicles)

None of the substances concerned (lead, chromium VI, cadmium, mercury) are intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

Allergens

- Regulation (EU) No 1169/2011, substances listed in Annex II
- Substances listed in the Food Allergen Labeling and Consumer Protection Act (FALCPA)
- Latex
- Fragrances

The substance(s) mentioned above are not used in the manufacture or formulation of this product.

Substances

- PAH (Polycyclic aromatic hydrocarbons)
- DMF (Dimethylfumarate)
- APEO (Alkylphenol ethoxylates)
- Phthalates
- Azo compounds
- PCDD/PCDF (Polychlorinated dibenzodioxins and dibenzofurans)
- Asbestos
- Melamine
- BPA (Bisphenol A), BPS (Bisphenol S)
- Radioactive substances
- PFOS (Perfluorooctane sulfonate), PFOA (Perfluorooctanoic acid)
- POP (Persistent organic pollutants) as defined in Regulation (EU) 2019/1021 (Stockholm Convention)
- Conflict minerals as defined in section 1502(e)(4) of H.R. 4173, of the Wall Street Reform and Consumer Protection Act
- ODS (Ozone Depleting Substances) as mentioned in Regulation (EC) No 1005/2009
- SCCP (Short-chain chlorinated paraffins)

The substances mentioned above are not intentionally introduced. Therefore they are not expected to be present except for trace amounts from incidental environmental contamination. Analytical data is not available.

Irradiation

Product does not undergo any form of radiation treatment.

