

MSDS Alloy 910

taulman3D,LLC St Louis, MO.



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Material Safety Data Sheet

Alloy 910
1.75mm dia and 3mm dia
Round
3D Printing material

Prepared Jan 22 2015



taulman3D,LLC

314 609 3549 4061 N. Saint Peters Parkway, Saint Peters, MO. 63376

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Product and Company:

TAULMAN3D, LLC
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Saint Peters, MO. 63376
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taulman@taulman3d.com
For Emergencies Call: 314 609 3549

Identification:

Generic Name: Nylon 6/69 Copolymer
Chemical Name: Polyamide Copolymer
Chemical #: Cas Reg # Proprietary
Molecular Formula: N/A
Molecular Weight: N/A

INGREDIENT	NATURE OF HAZARD	PERCENT	PPM	MG/M ³	MPPCF	LEL	UEL	LD50
E - Caprolactam				Equal to or less than 10	5*	1*		
Synonym: Hexahydro-2H-Azepin-2-one CAS Reg. No. 105-60-2						10**	3**	

* ACGIH/TWA VALUES ** STEL VALUES

Composition of Ingredients

There is NO chemical present in this product at a concentration of 0.1 % or more classified as a carcinogen by IARC, NTP or OSHA.

Melting Point: 380 °F (193 °C)
Boiling Point: N.A.
Specific Gravity: 1.11
Vapor Density (Air=1): N.A.
Evaporation Rate: N.A.
Percent Volatiles: Nil

Specific use:

Mono Filament for FFF 3D Printing

Product Classification:

Polyamide Copolymer

Physical Properties

Appearance: Transparent Amber
Odor: No noticeable odor



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**HAZARDOUS MIXTURES**

taulman3D Nylons are thermoplastic resins. In the solid state, they are not hazardous. During processing when converted to the molten state, normal precautions for the handling of hot, sticky, fluid melts should be observed.

Fire Data:

Flash Point: N.A. LEL: N.A. UEL: N.A.

Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical.

Unusual Fire and Explosion Hazards: Smoke and noxious gases (carbon monoxide, hydrocarbons, ammonia, hydrogen cyanide) evolved upon burning.

Special Fire Fighting Procedures: Self-contained breathing apparatus with full face piece and protective clothing.

Health Hazard Data:

Threshold Limit Value: N.A.

Effects of Overexposure:

Ingestion (Swallowing): Low Toxicity, not a probable route of exposure.

Emergency and First Aid Procedures:

Eye Contact: Flush with water for approximately 15 minutes.

Skin Contact: Mechanical or thermal (molten state only) - flush with cool water immediately.

Dermatitis (dust only) - flush with water. Seek medical attention if severe reaction occurs.

Reactivity Data:

Stability: Stable.

Incompatibility (Materials to Avoid): None known.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Temperatures over 550°F may result in thermal decomposition.

Spill or Leak Procedures:

Steps to be Taken in Case Material is Released or Spilled: Sweep up and discard.

Waste Disposal Method: Landfill in accordance with local, state and federal laws.

This Material Safety Data Sheet (MSDS) is presented in good faith, based on currently available information, and is accurate to the best of our knowledge. It does not replace the precautions, directions and information contained on the product label. The user is solely responsible for: 1) following all instructions, recommendations and directions; 2) deciding whether this product or the information about this product is suitable for its use; 3) providing this MSDS.





NOTE: Since the conditions of the applications and end uses are beyond our control, no warranty is expressed or implied regarding this information. We recommend that our customers make their own determination for the suitability for use of their manufactured end product in the specific conditions of the actual application.

