

Material Safety Data Sheet

According to ANSI Z400.1-2003

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Section 1 - Product and Company Information

Product Name: Polyurethane welding rod
Product Part Number(s): 5003R1, R1400U, R1SPOOL, R01-AA-BB-NT (Where AA is rod profile, BB is package size)

COMPANY IDENTIFICATION:	EMERGENCY TELEPHONE NUMBER
Urethane Supply Company	24 Hour Emergency Contact Chemtrec - 1-800-424-9300
1128 Kirk Rd.	Customer Information Number 256-638-4103
Rainsville, AL 35986	

Section 2 - Hazards Identification

Appearance: Yellowish clear resinous rod
Odor: None

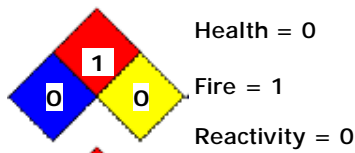
Hazards of Product:

0

HMIS Rating (Scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	B	Personal Protection = B

NFPA Ratings



Potential Health Effects

Eye Contact: None known at ambient temperature. At elevated temperatures, symptoms may include tearing, and irritation.

Skin Contact: None known at ambient temperature. At elevated temperatures, it causes skin burn.s

Inhalation: Smoke from burning compound will be very irritating.

Ingestion: None known.

Section 3 - Composition/Information on Ingredients

Section 4 - First-Aid Measures

Eye Contact: Treat as any foreign particulate matter.

Skin Contact: Wash the affected area thoroughly with plenty of water and soap. If molten polymer contacts the skin, cool the skin rapidly with water or ice. See a physician for removal of any adhering material and for treatment of the burn.

Inhalation: If any vapors, decomposition products, or particulates are inhaled, remove individual to fresh air. Get medical attention immediately.

Ingestion: No ingestion effects are known.

Notes to Physician: No additional information

Medical Conditions Aggravated by Exposure: Individuals with bronchial asthma and/or other types of chronic obstructive respiratory diseases may develop bronchospasm if exposure to processing fumes or vapors is prolonged.

Section 5 - Fire Fighting Measures

Extinguishing Media: NFPA Class A (Ordinary Combustibles): Use water, dry chemical, alcohol foam or protein type foam. CO2 is not recommended on Class A fires, as a lack of cooling capacity may result in reignition.

Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and protective clothing

Unusual Fire and Explosion Hazards: Thermoplastic polyurethane can burn. Protect product from flames of any kind; maintain proper clearance when using heat devices, etc. Irritating or toxic substances will be emitted upon burning, combustion or decomposition. Large masses of molten polymer held at elevated temperatures for extended periods of time may auto-ignite.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Sweep up carefully and place into container for reuse or disposal. Do not sweep or flush product into sewers or waterways.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling:

Other Precautions: Electrostatic buildup may occur when handling this product. The spark produced may be sufficient to ignite vapors of flammable liquids.

Storage: Avoid excessive heat. Do not store near flammable agents.

Section 8 - Exposure Controls / Personal Protection

Section 9 - Physical and Chemical Properties

Appearance:	Solid
Color:	Yellowish clear
Odor:	Faint
Specific Gravity:	> 1.00
Solubility in Water:	Insoluble
Volitile Organic Compounds (VOC):	Not applicable

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

No studies have been conducted on this product.

Skin Absorption

No studies have been conducted on this product.

Inhalation

No studies have been conducted on this product.

Section 12 - Ecological Information

ECOTOXICITY

This product has not been tested

Section 13 - Disposal Considerations

Disposal Method:

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations.

Section 14 - Transport Information

DOT

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
AIHA	American Industrial Hygeine Association
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Healt
LC	Lethal Concentration
LD	Lethal Dose
LTEL	Long Term Exposure Limit
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Level
SARA	Superfund Amendment and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volitile Organic Compounds

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.