



# Spartech Townsend

Acrylic Rods & Tubes

## MATERIAL SAFETY DATA SHEET

Manufacturer Spartech Townsend  
4400 Vandalia Road  
Pleasant Hill, IA 50327

Telephone 515-265-4157

Product Cast Acrylic Tube & Rod

Chemical Family Polymerized Methylmethacrylate

### HAZARDOUS INGREDIENTS

Not applicable.

### PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point.....N/A	Specific Gravity.....1.17 - 1.20
Vapor Pressure.....N/A	Glass Transition Temperature.....226-248° F
Vapor Density.....N/A	Evaporation Rate.....N/A
Appearance.....Clear Cast Acrylic & Odor tube with mild odor	Solubility in Water.....Negligible

### FIRE AND EXPLOSION HAZARD DATA

Auto Ignition Temperature.....750° F

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: trained personnel should wear respirator and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: cast acrylic tube is a combustible thermoplastic resin which burns at a rapid rate and produces intense heat.

### REACTIVITY DATA

Stability.....Stable

INCOMPATIBILITY (MATERIALS TO AVOID): contact with chlorinated and aromatic hydrocarbons, esters and ketons along with high concentrations of oxidizing acids and strong alkalis.

HAZARDOUS DECOMPOSITION or BY PRODUCTS: Methylmethacrylate and oxides of carbon.

### HEALTH HAZARDS

Vapors from heated cast acrylic tube may cause irritation to the eyes and skin along with nausea, dizziness, and headaches.

### SIGNS AND SYMPTOMS OF EXPOSURE

Eyes may have a burning sensation. Inhalation may cause nausea, dizziness and headaches.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Not applicable.

### **EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: place exposed person in fresh air.

EYE AND SKIN CONTACT: flush with water.

IN ALL CASES ONE SHOULD CONSULT OR SEE A PHYSICIAN.

### **PRECAUTIONS FOR SAFE HANDLING AND USE**

WAST DISPOSAL METHOD: dispose in accordance with all local, state and federal regulations.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Normal room ventilation should be used while material is in storage.

### **OTHER PRECAUTIONS**

Product may shatter if improperly machined. Prevent contact with product of chlorinated and aromatic hydrocarbons, esters and ketons along with high concentrations of oxidizing acids and strong alkalis.

## **CONTROL MEASURES**

### **VENTILATION**

Processing or machining operations should be done with exhaust ventilation.

### **EYE PROTECTION**

Safety glasses with side shields should be worn while performing any processing or machining operations.

### **WORK AND HYGIENIC PRACTICES**

Normal safety and hygienic practices should be followed at all times.

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