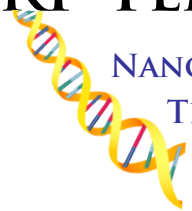


# RP TEMPERING™



NANO-COMPOSITE  
TECHNOLOGY

## Material Safety Data Sheet

NOTE: Blank spaces are not permitted. If any space is not applicable, the space must be marked to indicate that.

\*Estimate

N/A-Not Applicable

N/R-Not Restricted

N/E-Not Established

### SECTION I - IDENTIFICATION

**IDENTITY (As shown on Label or package)**

Fire Retardant Hi-Temp Protoplass© (all colors)

**PART NO. (If Applicable)**

N/A

**MANUFACTURER'S NAME**

PAR3 Technology, LLC

**EMERGENCY PHONE No.**

800-222-1222

**ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE)**

1 South Jefferson Ave  
Cookeville, TN 38501

**REVISION #** 0002**MANUFACTURER'S PHONE No.**

317-557-5018

**DATE MSDS WAS PREPARED** Sept 2006

### SECTION II - HAZARDOUS INGREDIENTS INFORMATION

All Health Hazards which comprise 1% or greater of the composition & all carcinogens if 0.1% of the composition or greater.

HAZARDOUS COMPONENTS CHEMICAL IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Acetone	9%	67-64-1	500 ppm	500 ppm	None
VM&P Naphtha	18%	64742-89-8	300 ppm	300 ppm	None
Propane	21%	74-98-6	1000 ppm	1000 ppm	None
Toluene	11%	108-88-3	50 ppm	50 ppm	None
Ethybenzene	3%	100-41-4	100 ppm	100 ppm	None
Methyl n-Amyl Ketone	3%	110-43-0	100 ppm	50 ppm	None
Xylene	11%	1330-20-7	100 ppm	100 ppm	None

### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT**

-25 to 199\* C

**SPECIFIC GRAVITY (H2O = 1)**

N/A

**APPROXIMATE WEIGHT PER GALLON (LBS)**

N/A

**VAPOR PRESSURE**

52+/-5 PSID@ 21\* C

**VAPOR DENSITY (AIR = 1)**

Heavier than air

**EVAPORATION RATE**

Faster than ether

**SOLUBILITY IN WATER**

N/A

**% VOLATILE**

70 to 80%

**OTHER (IF ANY)**

None

**APPEARANCE AND ODOR**

Various colors, liquid, with solvent odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT**

Propellant below -18°C

**FLAMMABLE LIMITS LEL**

0.9

**FLAMMABLE LIMITS UEL**

9.5

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, or Foam

**SPECIAL FIRE FIGHTING PROCEDURES**

Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

This material is flammable and may be ignited by heat, sparks, flame, or static electricity Level 3 aerosol (NFPA 30B). Contents under pressure if heated over 120°F aerosol can could explode, even when empty.

**HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION**

Carbon Dioxide and/or Carbon Monoxide

**EXPLOSIVE LIMITS (% BY VOLUME IN AIR)**

0.9 - 9.5

**SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION**

<b>HAZARD RATING</b>	<b>National Fire Protection Association (NFPA)</b>
4 - Extreme	
3 - High	FIRE = 4
2 - Moderate	REACTIVITY = 0
1 - Slight	HEALTH = 2
0 - Insignificant	SPECIAL HAZARDS = None
**SEE SECTION IV	

**SECTION VI - REACTIVITY AND STABILITY DATA**

**STABILITY**

Unstable   
Stable

**INCOMPATIBILITY (Materials to Avoid)**

Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS**

Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION**

May Occur   
Will Not Occur

**CONDITIONS TO AVOID**

Avoid contact with heat, sparks, and open flame. May explode if heated.

**SECTION VII - HEALTH HAZARD DATA****ROUTES OF ENTRY**

Inhalation? Yes  
Skin? Yes  
Ingestion? Yes  
Eyes? Yes

**HEALTH HAZARDS**

Acute   
Chronic

**CARCINOGENICITY**

IARC 2B

**SIGNS AND SYMPTOMS OF EXPOSURE**

Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE****EMERGENCY AND FIRST AID PROCEDURES**

Ingestion: Contact Physician or Poison Control Immediately  
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary  
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician  
Skin: Wash with soap and water.

**SECTION VIII - PRECAUTIONS FOR SAGE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.  
Eliminate all sources of ignition.  
Ventilate to maintain exposure below PEL's

**WASTE DISPOSAL METHODS**

Dispose of product in accordance with local, county, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep away from sparks, flame and heat sources.  
Do not store above 120°F. Level 3 aerosol (NFPA 30B)

**OTHER PRECAUTIONS**

Keep container closed when not in use. Store this product with adequate ventilation in cool areas.  
Never place aerosol in flame or fire, even when empty.

**SECTION IX - CONTROL MEASURES****RESPIRATORY PROTECTION (SPECIFY TYPE)**

Depending on the Airborne concentration, use a respirator with appropriate NIOSH approved cartridge or supplied air equipment.

**PROTECTIVE GLOVES**

Impervious Gloves

**VENTILATION****LOCAL EXHAUST** Supplemental (if needed)**MECHANICAL (GENERAL)** To maintain exposure below PEL's**SPECIAL**

None

**OTHER**

None

**EYE PROTECTION**

Chemical splash goggles, or approved eye protection

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Chemical Apron/Eye bath/Safety Shower

**WORK HYGIENIC PRACTICES**

Wash thoroughly after handling

**SECTION X - TRANSPORTATION INFORMATION****DOT DROPPER SHIPPING NAME**

Aerosols

**DOT HAZARD CLASS**

2.1

**DOT UN NUMBER**

UN1950

**DOT PACKING GROUP**

N/A

**IATA PROPER SHIPPING NAME**

Aerosols

**IATA HAZARD CLASS**

2.1

**IATA UN NUMBER**

UN1950

**IATA PACKING CLASS**

N/A

**SECTION XI - 313 SUPPLIER NOTIFICATION**

This product contains the following chemicals subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight.)  
Toluene, Acetone

**WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.**

PREPARED BY: Jon Carpenter

THE INFORMATION HEREIN IS BASED ON DATA CONSIDERED ACCURATE. NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS OBTAINED FROM ITS USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND THE VENDORS CONTROL AND SINCE SUBSEQUENT DATA MAY SUGGEST MODIFICATION OF THE INFORMATION, VENDOR ASSUMES NO RESPONSIBILITY FOR THE RESULTS OF ITS USE.