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)
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
VM&P Naphtha	18%	64742-89-8	300 ppm	300 ppm	None
Chromic Oxcide	10%	100-41-2	100 ppm	100 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	FLAMMABLE LIMITS LEL	FLAMMABLE LIMITS UEL
Propellant below -18*C	0.9	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

HAZARD RATING	National Fire Protection Association (NFPA)
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	X

INCOMPATIBILITY (Materials to Avoid)

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

HAZARDOUS DECOMPOSITION OR BY PRODUCTS

Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

May Occur	
Will Not Occur	X

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	X
Chronic	X

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, Xylene, Chromic Oxcide and Keytones

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

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