

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)

Proto-Reinforcement© Compound

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 # 0003

MANUFACTURER'S PHONE No.

317-557-5018

DATE MSDS WAS PREPARED June 6, 2005

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
Xylene	5.5	1330-20-7	100 ppm	100 ppm	None
Toluene	45	108-88-3	200 ppm	50 ppm	None
Prorylene Glycol Monomethyl Ether	33	107-98-2	100 ppm	100 ppm	None
Ethyl Alcohol	2.8	64-17-5	1000 ppm	1000 ppm	None
Ethylbenzene	1.7	100-41-4	100 ppm	100 ppm	None

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT 173-281* F	SPECIFIC GRAVITY (H2O = 1) 0.90-0.92	APPROXIMATE WEIGHT PER GALLON (LBS) 7.57	
VAPOR PRESSURE 44 mm Hg @ 20* C	VAPOR DENSITY (AIR = 1) Heavier than air	EVAPORATION RATE (BUTYL ACETATE = 1) >1.0	
SOLUBILITY IN WATER Insoluble	% VOLATILE 88%	VOC LBS/GAL 6.65	OTHER (IF ANY) None

APPEARANCE AND ODOR

Clear liquid, mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 45°F	METHOD USED TCC	FLAMMABLE LIMITS LEL 1	FLAMMABLE LIMITS UEL 19
----------------------------	---------------------------	----------------------------------	-----------------------------------

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 sparks and flame

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION

Carbon Dioxide and/or Carbon Monoxide

EXPLOSIVE LIMITS (% BY VOLUME IN AIR)

1.0 - 19.0

SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION

HAZARD RATING	National Fire Protection Association (NFPA)
4 - Extreme	
3 - High	FIRE = 3
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.

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, 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 SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up with floor absorbent. 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

Avoid eye contact with eyes. Keep container closed. Use with adequate ventilation.
Avoid inhalation of vapors and personal contact with liquid product.
Use good personal hygiene practices.

OTHER PRECAUTIONS

Keep container closed when not in use.
Containers should be disposed of in an environmentally safe manner in accordance with government regulations.

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

None

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

Coating solution

DOT HAZARD CLASS

3

DOT UN NUMBER

UN1139

DOT PACKING GROUP

II

IATA PROPER SHIPPING NAME

Coating solution

IATA HAZARD CLASS

3

IATA UN NUMBER

UN1139

IATA PACKING CLASS

II

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.)

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.