

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)

RP Tempering™ Compound (all colors)

PART No.

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 # 0005

MANUFACTURER'S PHONE No.

317-557-5018

DATE MSDS WAS PREPARED June 6, 2005

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

SECTION II - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS COMPONENTS CHEMICAL IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
VM&P Naphtha	24.3-25.1	64742-89-8	300 ppm	300 ppm	None
Hexane	14.5-14.8	110-54-3	500 ppm	50 ppm	None
Toluene	12.5-12.9	108-88-3	200 ppm	50 ppm	None
Methyl Ethyl Ketone	3.5-3.7	78-93-3	200 ppm	200 ppm	None
Resins	25.8-27.1	N/A	N/A	N/A	None

BOILING POINT

SPECIFIC GRAVITY (H2O = 1)

APPROXIMATE WEIGHT PER GALLON (LBS)

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

149-285 F

0.79-0.83

6.60-6.90

VAPOR PRESSURE

125 mm Hg @ 20* C

VAPOR DENSITY (AIR = 1)

Heavier than air

EVAPORATION RATE (BUTYL ACETATE = 1)

>1.0

SOLUBILITY IN WATER

Insoluble

% VOLATILE

73.1 to 75.7%

VOC LBS/GAL

4.9-5.0

OTHER (IF ANY)

None

APPEARANCE AND ODOR

Various colors, honey like substance - characteristic odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT -10.0°F	METHOD USED TCC	FLAMMABLE LIMITS LEL 0.9	FLAMMABLE LIMITS UEL 11.5
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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)

0.9 - 11.5

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

May be ignited by sparks and flame

SECTION VII - HEALTH HAZARD DATA

ROUTES OF ENTRY

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

HEALTH HAZARDS

Acute
Chronic

CARCINOGENICITY

No

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 SAGE 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

Keep away from sparks, flame and heat sources in its raw state. After applied to product this is no longer a concern.
Do not store above 120 F. 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 basic paper/tyvek mask

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

Eye bath

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

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