

**MATERIAL
SAFETY
DATA SHEET**

**PARKELL PRODUCTS INC.
155 SCHMITT BLVD.
FARMINGDALE, NY 11735
631-249-1134**

**24-HOUR
EMERGENCY
TELEPHONE
1-800-535-5053**

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: RELATE RESIN (POWDER) **STOCK NO:** S458R
DOT HAZARD LABEL: None **UN NUMBER:** None
PROPER SHIPPING NAME: None **DATE PREPARED:** 10/25/02
NFPA CODES: HEALTH - 0 FLAMMABILITY - 0 REACTIVITY - 0

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NUMBER</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Particulate, N.O.C.	NE	10 mg/m ³	15 mg/m ³	
Benzoyl Peroxide	94-36-0	5 mg/m ³	5 mg/m ³	

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: NA **SPECIFIC GRAVITY (H₂O = 1):** 1.25
VAPOR PRESSURE: NA **PERCENT VOLATILES:** NA
VAPOR DENSITY (Air = 1): NA **EVAPORATION RATE (Butyl Acetate = 1):** NA
APPEARANCE AND ODOR: Fine blue powder. Faint odor in bulk.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 304 °C **FLAMMABLE LIMIT (air, % by vol.)** UPPER: NA LOWER: NA
EXTINGUISHER MEDIA: Water, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

UNUSUAL FIRE & EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA (PHYSICAL HAZARDS)

STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID: Heating above 300 °C

INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon.

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR
CONDITIONS TO AVOID: NA

MATERIAL SAFETY DATA SHEET (continued)

PRODUCT NAME:

RELATE RESIN (POWDER)

STOCK NO:

S458R

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: EYES SKIN INHALATION INGESTION

HEALTH HAZARDS (Acute & Chronic): OSHA classifies this material as Particulate, Not Otherwise Classified. Eyes, Skin and Respiratory Tract may be irritated by gross overexposure to Particulate, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

SIGNS & SYMPTOMS OF EXPOSURE: NA

CARCINOGENECITY: NTP? IARC MONOGRAPHS? OSHA?

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical help if discomfort persists.

EYES: Flush with water for 15 minutes, including under eyelids.

SKIN: Wash with soap and water. Get medical help if discomfort persists.

INGESTION: Rinse mouth out with water. Call doctor if amount was large.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store in cool, dry place. Keep container closed to prevent water absorption and contamination.

OTHER PRECAUTIONS: NA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): May be disposed of in landfill or incinerated. Follow Federal, State, and Local regulations for disposal.

SECTION VII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION: Nuisance dust type if needed.

VENTILATION: Local exhaust at processing equipment.

PROTECTIVE GLOVES: If hot plastic is handled.

EYE PROTECTION: safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.