

MATERIAL SAFETY DATA SHEET
HEALTH-2 FLAMMABILITY-2 REACTIVITY-1 PERSONAL PROTECTION- SEE SECTION 8

IDENTITY: 4194 SUPER GLUE GELMATIC DATE 08-01-97

SECTION I - MANUFACTURED FOR:
PRO CHEM, INC. - 1475 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA. 30201 - EMERGENCY AND INFORMATION#: (800) 241-8180

SECTION II - HAZARDOUS INGREDIENTS

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|---|------------------------|------------------|-------------------|------------------|
| CHEMICAL NAME: ETHYL CYANOACRYLATE | | | | |
| OSHA PEL: NA | ACGIH TLV: NA | % RAW MTL: 85-90 | OTHER: 2PPM TWA | CAS #: 7085-85-0 |
| CHEMICAL NAME: HYDROQUINONE | | | 9.1MG/M3 | |
| OSHA PEL: 2MG/M3 TWA | ACGIH TLV: 2MG/M3 TWA | % RAW MTL: 0.1-1 | OTHER: 2MG/M3 TWA | CAS# 123-31-9 |
| | | | 4MG/M3 STEL | |
| CHEMICAL NAME: SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE | | | | |
| OSHA PEL: 6MG/M3 TWA | ACGIH TLV: 10MG/M3 TWA | % RAW MTL: 5-10 | OTHER: 3MG/M3 TWA | CAS# 112945-52-5 |
| | | | RESP DUST | |

SECTION III - PHYSICAL DATA

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|----------------------------------|---------------------------------|
| BOILING POINT: >300 DEG F | APPEARANCE: WATER WHITE GEL |
| SOLUBILITY: POLYMERIZED BY WATER | SPECIFIC GRAVITY (H2O=1): 1.05 |
| VAPOR PRESSURE (MMHG): <0.2MM | MELTING POINT: |
| VAPOR DENSITY (AIR=1): APPROX 3 | EVAPORATION RATE (ETHER = 1) NA |

SECTION IV - FIRE AND EXPLOSION DATA

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|---|-----------------------------|
| FLASH POINT: 150 -200 DEG F | METHOD USED: TAG CLOSED CUP |
| FLAMMABILITY LIMIT: | LEL: UEL: |
| EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL | |
| SPECIAL FIRE FIGHTING PROCEDURES: | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE | |

SECTION V - REACTIVITY DATA

STABILITY: STABLE.
CONDITIONS TO AVOID:
INCOMPATIBILITY (MATERIALS TO AVOID): POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE.

SECTION VI - HEALTH HAZARD DATA

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|---|-------------|---------------------|--------------------|-------|
| ROUTE(S) OF ENTRY: | INHALATION? | SKIN? | INGESTION? | EYES? |
| HEALTH HAZARDS (ACUTE AND CHRONIC): SKIN CONTACT MAY CAUSE BURNS. BONDS SKIN RAPIDLY AND STRONGLY. SKIN AND EYE IRRITANT. ESTIMATED ORAL LD50 MORE THAN 5000MG/KG. ESTIMATED DERMAL LD MORE THAN 2000MG/KG. | | | | |
| CARCINOGENICITY: N. | NTP? N. | IARC MONOGRAPHS? N. | OSHA REGULATED? N. | |
| SIGNS AND SYMPTOMS OF EXPOSURE: VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES ABOVE TLV. PROLONGED AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE SYMPTOMS OF NON-ALLERGIC ASTHMA IN SENSITIVE INDIVIDUALS. | | | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: | | | | |
| EMERGENCY AND FIRST AID PROCEDURES: INGESTION: INGESTION IS NOT LIKELY. INHALATION: REMOVE TO FRESH AIR, IF SYMPTOMS PERSIST OBTAIN MEDICAL ATTENTION. SKIN CONTACT: SOAK IN WARM WATER. EYE CONTACT: FLUSH WITH WATER. | | | | |

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLOOD WITH WATER TO POLYMERIZE. SOAK UP WITH AN INERT ABSORBENT.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AT OR BELOW 75 DEG F.
OTHER PRECAUTIONS: AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE):
VENTILATION: POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV. LOCAL EXHAUST: NA MECHANICAL (GENERAL): NA USE ADEQUATE VENTILATION.
PROTECTIVE GLOVES: DO NOT USE COTTON. USE NITRILE OR POLYETHYLENE GLOVES AND APRONS
EYE PROTECTION: SAFETY GLASSES OR GOGGLES.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK & HYGIENIC PRACTICES: