

MSDS # 1700654

**MATERIAL SAFETY DATA SHEET**

PART NUMBER: 9210425  
IDENTITY: POISONING RESISTANT GEL  
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.  
ADDRESS: 2400 BARRANCA PARKWAY  
IRVINE, CA 92606  
TELEPHONE: 949/757-8500  
(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

DATE REVISED: 6/9/10  
PREPARED BY: T.PHILLIPS

**SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION**

| COMPONENTS  | %    | OSHA<br>PEL | ACGIH<br>TLV | OTHER LIMIT<br>RECOMMENDED |
|---|------|-------------|--------------|----------------------------|
| Isopropyl alcohol (CAS # 67-63-0)                         | 0.3  |             |              |                            |
| Silica (CAS # 7631-86-9)                                  | 5    |             |              |                            |
| 1-bromo-3-chloro-5, dimethylhydantoin (CAS # 16079-888-2) | 1.5  |             |              |                            |
| Silver Chloride (CAS # 7783-90-6)                         | 0.20 |             |              |                            |
| Potassium Chloride (CAS # 7447-40-7)                      | 24   |             |              |                            |
| Non-hazardous ingredients                                 | 69   |             |              |                            |
| TOTAL   | 100  |             |              |                            |

No health hazard or other information is available for the solution of the mixture. The following sections are based on our best scientific understanding of the solution.

**SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS**

|   |     |
|---|-----|
| BOILING POINT                           | N/A |
| SPECIFIC GRAVITY (H <sub>2</sub> O = 1) | N/A |
| VAPOR PRESSURE (mm Hg/TEMPERATURE)      | N/A |
| MELTING POINT                           | N/A |
| VAPOR DENSITY (AIR = 1)                 | N/A |
| EVAPORATION RATE ( = 1)                 | N/A |
| SOLUBILITY IN WATER                     | N/A |
| WATER REACTIVE                          | N/A |
| APPEARANCE AND ODOR                     | N/A |

**SECTION 3--FIRE AND EXPLOSION HAZARD DATA**

|                                      |     |
|--------------------------------------|-----|
| FLASH POINT AND METHOD USE           | N/A |
| AUTO IGNITION TEMPERATURE            | N/A |
| FLAMMABILITY LIMITS IN AIR BY VOLUME | N/A |
| LEL                                  | N/A |
| UEL                                  | N/A |
| EXTINGUISHER MEDIA                   | N/A |
| SPECIAL FIRE FIGHTING PROCEDURE      | N/A |

UNUSUAL FIRE AND EXPLOSION HAZARD: THIS IS NOT CONSIDERED AN EXPLOSIVE NOR FIRE HAZARD.

**SECTION 4--REACTIVITY HAZARD DATA**

|                                     |  |                         |
|-------------------------------------|--|-------------------------|
| STABILITY                           | STABLE <u>X</u>  | UNSTABLE <u>  </u>      |
| CONDITIONS TO AVOID:                | NONE   |                         |
| INCOMPATIBILITY MATERIALS TO AVOID: | NONE   |                         |
| HAZARDOUS DECOMPOSITION PRODUCTS:   | TRACE AMOUNTS OF CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN FLUROIDE, DUE TO COMBUSTION |                         |
| HAZARDOUS POLYMERIZATION:           | MAY OCCUR <u>  </u>  | WILL NOT OCCUR <u>X</u> |

MSDS # 1700654

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

**SECTION 5--HEALTH HAZARD DATA** 1700654 (gel p/n 9210415)

PRIMARY ROUTES OF ENTRY: INHALATION\_\_ SKIN ABSORPTION X  
INGESTION X NOT HAZARDOUS X

CARCINOGEN LISTED: NTP\_\_ IRAC\_\_ OSHA\_\_ NOT LISTED X

**HEALTH HAZARDS**

ACUTE: SKIN IRRITATION MAY OCCUR. EYE IRRITATION WILL OCCUR.

CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: SNEEZING, DRYNESS OF MUCOUS MEMBRANES, DERMATITIS, GASTROINTESTINAL IRRITATION MAY OCCUR IF LARGE AMOUNTS ARE INGESTED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

**EMERGENCY FIRST AID PROCEDURES:**

EYE CONTACT: FLUSH WITH WATER A MINIMUM OF 15 MINUTES.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR IF NECESSARY.

INGESTION: SEEK MEDICAL ASSISTANCE IF LARGE AMOUNT INGESTED.

**SECTION 6--CONTROL AND PROTECTIVE MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSHA/MSHA APPROVED RESPIRATOR

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

**VENTILATION TO BE USED**

LOCAL EXHAUST: N/A

MECHANICAL (GENERAL): N/A

SPECIAL:OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT/APRON, EYE PROTECTION.

HYGIENIC WORK PRACTICES: WASH HANDS AFTER HANDLING.

**SECTION 7--PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: MOP UP SPILLS.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN PLASTIC CONTAINER, ROOM TEMPERATURE

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: N/A

**RATING:**

HEALTH 2 FLAMMABILITY 0 REACTIVITY 1 SPECIFIC contact=2