

SECTION VI – HEALTH HAZARD DATA

HAZARD INFORMATION: A reactivity rating of 2 is due to the powder's exothermic absorption of water. Thicker liquids, such as blood, absorb more slowly thus reducing the amount of heat generated. Large quantities of powder will generate considerable heat when mixed with water.

ROUTE(S) OF ENTRY: **INHALATION:** The powder is a respiratory irritant. **SKIN CONTACT:** The dry powder may dehydrate the skin and may react exothermically with any moisture on the skin (e.g. perspiration). **EYE CONTACT:** Even minute quantities in the air are an irritant to the eyes and should be avoided. Accidental eye contact could result in severe burns to the eye, and even irreparable damage. The polymer portion of the powder is a solid material and may scratch or continue to irritate the surface of the eye. **INGESTION:** The major concern with ingestion is iron absorption by the person. The polymer will pass through the digestive track. **CHRONIC OVEREXPOSURE:** Not determined **OTHER:** QR Powder reacts exothermically when exposed to water. This could result in a physical burn. Application of the powder to an exposed dry wound may result in a stinging sensation.

EMERGENCY AND FIRST AID PROCEDURES: **Eyes:** Flush the eye with running water for at least 15 minutes. Be sure to wash under the eyelids. Seek medical attention as needed. **Skin Contact:** Remove the dry powder from the skin with a brush or vacuum. Then wash the area with running water, or a large volume of water. **Caution:** Using a small volume of water to try to remove a large quantity of powder could result in a burn, due to the powder's exothermic reaction with water. Seek medical attention as needed. **Ingestion:** Do not induce vomiting. Seek medical attention as needed. **Inhalation:** Remove to fresh air. Seek medical attention as needed.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective equipment. Remove sources of ignition, and ventilate the area. Pick up material in a way to avoid creating dust and dispose in an appropriate container. Properly report any spills that may be an environmental concern.

WASTE DISPOSAL & PRECAUTIONS: Disposal of the material is to be conducted in compliance with all governmental regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (*Specify type*): N/A

VENTILATION: Work in a well-ventilated facility. Avoid concentrating the dust in a confined work area.

PROTECTIVE GLOVE: Yes

EYE PROTECTION: Yes

GOWNING: Yes

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep the packages in a cool dry environment. If the powder is removed from its protective packaging dispose of it because it will inactivate itself by absorbing moisture from the air. Once the powder goes from the dark brown to the light tan color it is no longer useful.

OTHER PRECAUTIONS: Do not remove the powder from the package until it is to be used.

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