Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Matthew Murno

Title of Project Optimizing Strength and Impermeability of Martian Sulfur Concrete Building Structures

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   Sulfur powder

2. Identify and assess the risks involved in this project.

   The sulfur powder posses a low risk. Its fumes should not be inhaled and it can irritate the skin.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   The sulfur will be heated in a laboratory oven with sufficient ventilation. Laboratory gloves will be worn when handling the material.

4. Describe the disposal procedures that will be used (when applicable).

   N/A

5. List the source(s) of safety information.

   SDS (Safety data sheet)

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Daniel Hochstein — Designated Supervisor's Printed Name

Signature

09/15/19 — Date of Review (mm/dd/yy)

Assistant Professor / Manhattan College — Position & Institution

(718) 862-7177 — Phone or email contact information

Teach courses and conduct research in the areas of civil engineering and building materials. — Experience/Training as relates to the student's area of research