

Last Updated: 4.17.2015

**PROJECT NAME**

EHS and Safety Data Sheet

**ALIGNMENT WITH THEORY OF CHANGE**

Value Streams

**INITIATIVE**

Innovation

**TYPE OF PROJECT**

Knowledge R&D

**TYPE OF INVESTMENT**

**Traditional**

**Impact**

Contract

**FUNDING**

**Endowment**

**Partner**

**External**

**TOTAL**

**Downstream**

**ALL TOTAL**

\$ 30,200 \$ 30,200 \$ 60,400 \$ 60,400

**AWARDEES**

Vireo Advisers - Jo Anne Shatkin

**CHRONOLOGY**

**Date Approved**

**Date Signed or Launched**

**Status**

**Board**

**CEO**

4.29.2014

5.16.2013

Complete

**Project Overviews & Outcomes**

*Environmental Health and Safety:* A key effort to commercializing a new material is producing a safety data sheet (SDS). A SDS is intended to provide workers and emergency personnel with procedures for handling or working with that substance in a safe manner, and includes information such as physical data (melting point, boiling point, flash point, etc.), toxicity, health effects, first aid, reactivity, storage, disposal, protective equipment, and spill-handling procedures. There is also a duty to properly label substances on the basis of physic-chemical, health and/or environmental risk. An SDS developed for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. Without a proper SDS it will be nearly impossible to commercialize cellulosic nanomaterial. The work P3Nano is conducting on developing the SDS and our work in evaluating risks associated with handling the material are critical in allowing private companies to commercialize these substances. Our development of the SDS and additional information we are gathering through some of our project work, will speed commercialization for some of our partners by as much as eight months.