SDS Safety Data Sheet
Grant Industries Inc.

GRANCURE PI-4G

SDS Number: GRA2593 Revision Date: 1/6/14

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Grant Industries
125 Main Ave.
Elmwood Park, New Jersey 07407

Contact: Joe Granatell
Phone: 201-791-6700
Fax: 201-791-3887
Email: information@grantinc.com
Web: www.grantinc.com

Vendor

Grant Industries Inc.
103 Main Ave.
Elmwood Park, NJ 07407

Contact: Chand Mehta
Phone: 201-791-8700
Fax: 201-791-3887
Email: cmehta@grantinc.com
Web: www.grantinc.com

Product Name: GRANCURE PI-4G
Revision Date: 1/6/14
SDS Number: GRA2593
Product Use: CROSSLINKER

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
no GHS classifications indicated

GHS Label elements, including precautionary statements

GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

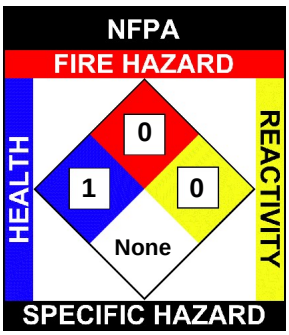
GHS Precautionary Statements:

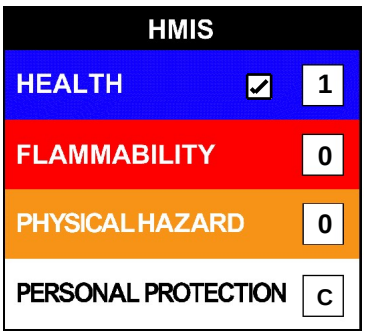
no GHS precautionary statements indicated

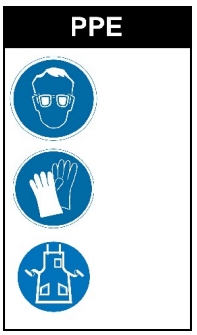
Hazards not otherwise classified (HNOC) or not covered by GHS

Route of Entry:	Eyes, skin
Target Organs:	Not determined
Inhalation:	Prolonged inhalation may cause headache, nausea respiratory irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritaion.
Ingestion:	May cause irritation of the digestive tract.

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None
HMIS III: Health = 1(Chronic), Fire = 0, Physical Hazard = 0
HMIS PPE: C - Safety Glasses, Gloves, Apron







3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Hazardous

Cas #	Chemical Name
*PROPRIETARY	

NONE

4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.
Skin Contact: Wash affected area with soap and water. If redness, itching or burning developes, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.
Eye Contact: Rinse immediately with plenty of water. If irritation persist call physician.
Ingestion: Call a physician immediately. Do not induce vomitting without medical advice.

5 FIRE FIGHTING MEASURES

Flash Point: Noncombustible
Burning Rate: No data
Autoignition Temp: No data
LEL: Not Applicable
UEL: Not Applicable

Use extinguishing media appropriate for surrounding fire.
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
Wear protective clothing, boots, gloves, and eye protection.

6 ACCIDENTAL RELEASE MEASURES

Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Remove and dispose of in accordance with federal, state, and local laws.

7 HANDLING AND STORAGE

Handling Precautions: Use only in well ventillated areas. Avoid contact with eyes. Avoid contact with skin. Avoid breathing vapor. When using do not eat, drink or smoke.

Monomer vapors can be evolved when material is heated during processing operations. Due to the crosslinking nature of this material, this product will generate additional formaldehyde upon cure. Lack of adequate ventilation may result in airborne levels above established exposure limits in workplace. Monitoring the workplace to determine actual formaldehyde levels is recommended. Note: Formaldehyde will be generated under acidic conditions. Maintain adequate ventilation under these conditions to prevent exposure to formaldehyde above the recommended ceiling of 0.3 ppm.

Storage Requirements: Keep from freezing. Store containers in cool dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control that meets the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

Personal Protective Equipment: HMIS PP, C | Safety Glasses, Gloves, Apron
HMIS PP, C | Goggles, Gloves, Apron
Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accesible to the work area.
Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial regulations.

There are no ACGIH TLV's or OSHA PEL's established for this product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky white		
Physical State:	Liquid	Odor:	Acrylic Odor
Spec Grav./Density:	1.0-1.20	Solubility:	Dispersible
Boiling Point:	212 °F	Freezing/Melting Pt.:	32 °F
Vapor Pressure:	17.0 mmHG @ 20°C	Vapor Density:	Not Determined
pH:	8.0-10.0		

10 STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: None Known
Materials to Avoid: None known
Hazardous Decomposition: May produce toxic oxides of carbon or nitrogen upon combustion.
Hazardous Polymerization: Not known to occur.

11 TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity
LD50 Rat>5,000 mg/kg

Acute dermal toxicity
LD50 Rabbit>5,000 mg/kg

Skin irritation
Rabbit may cause transient irritation

Eye irritation
Rabbit no eye irritation

12 ECOLOGICAL INFORMATION

Ecotoxicity: ND
Environmental Fate: ND
Other: ND

13 DISPOSAL CONSIDERATIONS

14 TRANSPORT INFORMATION

TRANSPORTATION STATUS: IMPORTANT! Statements below provide additonal data on listed DOT classification.
The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US DEPARTMENT OF TRANSPORTATION
Shipping Name:
NOT REGULATED

15 REGULATORY INFORMATION

WORKPLACE CLASSIFICATION
This product as supplied is non-hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200). Under processing conditions it may be become OSHA hazardous due to the release and exposure potential of additional formaldehyde.

SARA TITLE III:SECTION 311/312 cATEGORIZATIONS (40 CFR370): This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered bt Title III of SARA.

SARA TITLE III:SECTION 313 INFORMATION (40 CFR372):
This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CERCLA INFORMATION (40 CFR302.4):
Releases of this material to air,land, or water are not reportable to the to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

US TOXIC SUBSTANCES CONTROL ACT:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

PENNSYLVANIA:
Any materials listed as "Not Hazardous" in Section 2, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know.

CALIFORNIA (PROPOSITION 65):
This product contains trace levels of a component or components known to the State of California to cause cancer:
COMPONENTS: None known

16	OTHER INFORMATION

HMIS Rating
1 Health
0 Flammability
0 Reactivity

Key Legend Information:
ACGIH-American Conference of Governmental Industrial Hygienists
OSHA-Occupational Safety and Health Administration
TLV-Threshold Limit Value
PEL-Permissible Exposure Limits
TWA-Time Weighted Average
STEL-Short Term Exposure Limit
NTP-National Toxicology Program
IARC-International Agency for research on Cancer
ND-Not Determined

Grant Industries, Inc. has shipped this product at your request with the understanding that we have no control over the storage, handling, and conditions of use, which are of critical importance.
Grant Industries, Inc. does not assume any liability for any injury to persons or property arising out of the use, handling or storage of this material.