SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : [redacted]

Supplier : [redacted]

[redacted]

[redacted]

Tel: [redacted], Fax: [redacted]

E-mail: [redacted]

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARDS

- Explosives Not applicable
- Flammable gases Not applicable
- Flammable aerosols Not applicable
- Oxidizing gases Not applicable
- Gases under pressure Not applicable
- Flammable liquids Not classified
- Flammable solids Not applicable
- Self-reactive substances and mixtures Not applicable
- Pyrophoric liquids Not classified
- Pyrophoric solids Not applicable
- Self-heating substances and mixtures Not classified
- Substances and mixture which,

In contact with water, emit flammable gases Not applicable

- Oxidizing liquids Not applicable
- Oxidizing solids Not applicable
- Organic peroxides Not applicable
- Corrosive to metals Not classified

HEALTH HAZARDS

- Acute toxicity (oral) Not classified
- Acute toxicity (skin) Classification not possible
- Acute toxicity (inhalation: gas) Classification not possible
- Acute toxicity (inhalation: vapour) Classification not possible
- Acute toxicity (inhalation: dust, mist) Classification not possible

- Skin corrosion / irritation Not classified
- Serious eye damages / eye irritation Not classified
- Respiratory sensitization Classification not possible
- Skin sensitization Not classified
- Germ cell mutagenicity Not classified
- Carcinogenicity Classification not possible
- Reproductive toxicity Classification not possible
- Specific target organ toxicity; single exposure Classification not possible
- Specific target organ toxicity; repeated exposure Classification not possible
- Aspiration hazard Classification not possible

ENVIRONMENTAL HAZARDS

- Aquatic toxicity (acute) Classification not possible
- Aquatic toxicity (chronic) Classification not possible

GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS

SYMBOL: (None)

SIGNAL WORD: (None)

HAZARD STATEMENT: (None)

PRECAUTIONARY STATEMENTS: (None)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Substance

Chemical nature : Polymer

Chemical name	Concentration
Main component	[redacted]

4. FIRST-AID MEASURES

Eye Contact :

Gently rinse the eyes with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.

Skin Contact :

At normal temperature, wipe off the affected area with cloth and wash with water and mild soap. If signs/symptoms continue, get medical attention. If contact with hot material, cool the

burn area by flushing with large amounts of water and get medical treatment.

Inhalation :

If gas generated in process is inhalated, remove person to fresh air. If signs/symptoms continue, get medical attention.

Ingestion :

Rinse mouth with water and get medical advice. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Specific Hazards :

Not flammable but will burn. Toxic gases (carbon monoxide) may form when burned without sufficient oxygen.

Extinguishing Media :

Use water, fog, foam, dry chemical powder or CO2.

Specific methods :

Keep personnel removed from and upwind of fire. Cool fire exposed containers with water.

Protections of fire-fighters :

Firefighters should wear proper protective equipment(helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Method for Cleaning up :

Take up mechanically, then place in a chemical waste containers. Absorb the rest with inert material (e.g. , dry sand or earth), then place in a chemical waste containers. Flush residual spill (area) with copious amount of water.

Personal Precaution :

Wear appropriate respiratory protection and protective clothing as described in section 8.

7. HANDLING AND STORAGE

Handling :

Do not use near open flames. Avoid breathing vapors from heated materials. Adequate ventilation and/or engineering control must be employed in high temperature processing.

Storage :

Store in a cool, dry, well ventilated location.

8. EXPORSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	General ventilation normally adequate
Personal protective equipment	
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	Wear protective gloves.
Eye protection	Wear approved safety goggles.
Skin and body protection	Risk of contact: Use skin protection.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state,	Form	:	Viscous liquid
	Color	:	None
Odor		:	Slightly odorous
pH		:	5.4 (1% aqueous dispersion, 20deg.C)
Melting Point, Freezing point (deg. C)		:	Not available
Boiling Point (deg. C)		:	Not available
Flash Point		:	250deg.C < (Cleveland open-cup) 180deg.C (Pensky-Martens closed-cup)
Flammable Limits/Percent Volume in Air			
Lower		:	Not available
Higher		:	Not available
Vapor pressure (mm Hg)		:	Not available
Vapor Density (Air=1)		:	Not available
Density		:	0.92 (20deg.C)
Solubility		:	Insoluble in water Soluble in toluene, THF and chloroform
n-octanol / water partition coefficient		:	4.37
Spontaneous ignition temperature		:	445deg.C
Decomposition temperature		:	Not available
Flammability		:	Non-flammable

10. STABILITY AND REACTIVITY

Stability :

This product is considered a stable material under normal and anticipated storage and handling conditions.

Conditions and Materials to Avoid :

Rainwater, the direct rays of the sun, open flame and etc.

Hazardous Decomposition Products :

Not available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50	>2000mg/kg (Rat)
Inhalation LC50	Not available
Dermal LD50	Not available
Skin corrosion / irritation	Non-irritant (Human skin model)
Serious eye damage / irritation	Non-irritant (BCOP test)
Sensitization respiratory or skin	Negative (LLNA)
Germ cell mutagenicity	Ames Test: Negative
Carcinogenicity	Not available
Reproductive toxicity	Not available
Specific target organ Systemic toxicity	
- Single Exposure	Not available
- Repeated Exposure	Not available
Aspiration toxicity	Not available

12. ECOLOGICAL INFORMATION

All evidence indicates that large polymer molecules are not biologically active.

13. DISPOSAL CONSIDERATIONS

Waste Disposal :

All recovered material should be disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

14. TRANSPORT INFORMATION

International Regulation: In accordance with IATA/IMDG/ADR, This product is not regulated as dangerous goods for transport.

UN Class/Number : Not regulated.

15. REGULATORY INFORMATION

TSCA Inventory (USA): Not listed

Based on review under TSCA Section 5, the EPA has found potential concerns for specific target organ toxicity.
DSL (Canada): Not listed
REACH (EU): Monomers were registered by our Only Representative
AICS (Australia) : Not listed
ECL (Korea): Not listed
IECSC (China): Not listed
PICCS (Philippines): Not listed
ENCS (Japan): Notified

16. OTHER INFORMATION
The substance is to be used only for research and development purpose.
All data presented here in is based on actual measurements performed by [redacted]
All information contained herein is presented in good faith and without warranty.
For medical, healthcare and food contact applications, please contact us for specific recommendations. This product should not be used in any devices or materials intended for implantation in the human body.
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