



7/1/20

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): HydroGel
Product Description: Poly Rubber Gel Waterproofing Material
Synonyms: N/A
CAS No: N/A

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

FIRE AND EXPLOSION HAZARD: Combustible
FLASH POINT: 424°F
SPONTANEOUS COMBUSTION POINT: 707~752°F
DANGEROUS ARTICLES CLASS: Chapters 4 petroleum 4
TOXIC SUBSTANCES CAUSED BY COMBUSTION: Carbon monoxide and other toxic carbon compounds

PERSONAL HEALTH HAZARDS

EYES: Acute: Irritation, thermal burn
SKIN: Chronic: blister, rash
INHALATION: Acute: displeasure, dizziness, vomit
INGESTION: Acute: nausea, vomit, dizziness, unconsciousness

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	OTHER NAME	C.A.S Number	CONTENT %
ASPHALT	BITUMEN	8052-42-4	N. AV.
PROCESS OIL	-	68791-76-6	N. AV.
RUBBER	RUBBER CHIP		N. AV.
HYDROTREATED RAFFINATE	-	64742-57-0	N. AV.
HYDROCARBON RESIN	-	64742-16-1	N. AV.
POLYOLEFIN	1-Propene	9003-07-0	N. AV.
S1 (SECRET)	S1 (SECRET)	S1 (SECRET)	N. AV.

4. FIRST-AID MEASURES

EYES: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

SKIN: Remove contaminated clothing and shoes immediately. Launder before re-use. Wash affected area thoroughly with soap and water until no evidence of material remains (at least 15-20 minutes). Get medical attention immediately if material is hot and burned the skin.

INHALATION: Remove from exposure area to fresh air immediately. In case of difficulty with breathing dyspnea, perform artificial respiration and get medical attention immediately.

INGESTION: Call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Extinguisher Method: Foam, CO₂, watering, powder extinguisher materials, dry send.

Special Fire Fighting Procedures: Keep upwind. Full protective equipment including self-contained breathing apparatus should be used. Move combustible materials from fire area.

6. ACCIDENTAL RELEASE MEASURES

SPILLS

LIFE PROTECTION: Isolate hazard area and restrict entry. Eliminate all sources of ignition.

ENVIRONMENTAL PROTECTION: Eliminate leaking material. Prevent the spread of leaking material.

ELIMINATION METHOD: Wipe the product with sand, soil or cloth. Put the leaking material in container and dispose of in accordance with federal, state, and local authorities and the Waste Management Act. Clean up contamination area with cleanser and water.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Wear protective equipment and wash thoroughly after handling.

STORAGE: Keep container tightly closed and keep away from all ignition sources such as open flame and spark.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: If dizziness occurs, seek fresh air.

Respiratory: When used frequently or in a confined space, wear a safety mask.

Eyes: Wear safety glasses.

Skin: Wear non-penetrable clothes, chemical and heat protecting gloves, heat protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid of black or Semi-Solid (Viscid)
ODOR:	Slight asphalt odor
PH:	No data available
SOLUBILITY:	Insoluble
MELTING POINT:	No data available
BOILING POINT RANGE:	680~752°F
VAPOR PRESSURE:	No data available
IGNITION OR EXPLOSION RANGE:	Not applicable
SPECIFIC GRAVITY:	0.9~1.0
OCTANOL-WATER PARTITION COEFFICIENT:	No data available

DECOMPOSITION TEMPERATURE:	No data available
VAPOR DENSITY:	No data available
EVAPORATING RATE:	No data available
MOLECULAR WEIGHT:	No data available

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY AND POSSIBILITY OF HARMFUL RESPONSE:

Normal temperature and pressure are stable.

Containers may explode when heated to high temperatures.

Not easily ignited but some can take.

Fire, irritating or toxic gases may be fired.

CONDITIONS TO AVOID: Solvents, flame ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and other toxic compounds.

LIKELY TO DEVELOP HAZARDOUS MATERIAL RESPONSE: No data available.

11. TOXICOLOGICAL INFORMATION

ASPHALT

Acute oral toxicity: LD50 > 500 mg/kg Rat

Acute dermal toxicity: LD50 > 200 mg/kg Rabbit

Acute inhalation toxicity: No data available

Mutagenicity: Salmonella – Positive reaction, Rat – Negative reaction

Reproductive toxicity: No data available

Carcinogenicity:

Industrial safety of health law article: No data available

OSHA: No data available

IARC: Group 3

ACGIH: A4

NTP: No data available

EU CLP: No data available

PROCESS OIL

Acute oral toxicity: No data available (components of the Industrial Safety and Health Act of mineral oil 3900 mg/m³ 4 hr taken inhaled LC50)

Acute inhalation toxicity: Vertigo, vomit, nausea, rash, etc.

Subacute toxicity: No data available

Chronic toxicity: No data available

Mutagenicity: No data available

Reproductive toxicity: No data available

Carcinogenic toxic substance: Not applicable

RUBBER

Acute oral toxicity: No data available

Acute dermal toxicity: No data available

Acute inhalation toxicity: No data available

Mutagenicity: No data available

Reproductive toxicity: No data available

Carcinogenicity:

OSHA: No data available
IARC: No data available
ACGIH: No data available
NTP: No data available
EU CLP: No data available

HYDROTREATED RAFFINATE

Acute oral toxicity: No data available
Acute dermal toxicity: No data available
Acute inhalation toxicity: No data available
Mutagenicity: No data available
Reproductive toxicity: No data available
Carcinogenicity:
Industrial safety of health law article: No data available
OSHA: No data available
ACGIH: No data available
NTP: No data available
EU CLP: Care. 1B (DMSO extract measured by how IP346 less than 3% except in the case)

HYDRO CARBON RESIN

Acute oral toxicity: LD50 7000 mg/kg (mammal)
Acute dermal toxicity: No data available
Acute inhalation toxicity: No data available
Mutagenicity: No data available
Reproductive toxicity: No data available
Carcinogenicity:
Industrial safety of health law article: No data available
OSHA: No data available
IARC: No data available
ACGIH: No data available
NTP: No data available
EU CLP: No data available

SI (SECRET)

Acute oral toxicity: LD50 > 5000 mg/kg Rat
Acute dermal toxicity: No data available
Acute inhalation toxicity: No data available
Mutagenicity: No data available
Reproductive toxicity: No data available
Carcinogenicity:
Industrial safety of health law article: No data available
OSHA: No data available
ACGIH: No data available
NTP: No data available
EU CLP: No data available

12. ECOLOGICAL INFORMATION (non-mandatory)

ECOTOXICITY: No data

PERSISTENCE AND DEGRADABILITY: No data

MOVILITY IN SOIL: No data

BIOACCUMULATIVE POTENTIAL: No data

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Dispose in accordance with Waste Management Act. Dispose in accordance with federal, state, and local authorities.

14. TRANSPORT INFORMATION (non-mandatory)

UN NO: UN classification no information on hazardous substances

TRANSPORT CONSIDERATIONS: Avoid physical shock, fire

PROPER SHIPPING NAME: No data

PACKING: No data

TRANSPORTATION-RELATED REGULATIONS AND LAWS: Fire Hazard Chapter 4 petroleum law because it is equivalent to transportation, must comply with fire regulations.

15. REGULATORY INFORMATION (non-mandatory)

REGULATIONS BY OCCUPATIONAL SAFETY AND HEALTH: Occupational safety and health Act Article 41

REGULATED BY THE TOXIC CHEMICALS CONTROL ACTS: No data

OTHER FOREIGN LAW:

OSHA: No data

TSCA: No data

SARA: No data

EU: No data

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.