



SAFETY DATA SHEET

Seal Force

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Seal Force
Other means of identification : Superabsorbent polymer
Recommended use : Processing aid for industrial applications.
Restrictions on use : None known
Company : Right Turn Supply, LLC
P.O. Box 132016
Spring, TX 77393
Emergency telephone : (800) 424-9300 (24 Hours) CHEMTREC
number
Issuing date : 08/09/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Not classified
Skin irritation : Not classified
Eye irritation : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity : Not classified
- single exposure
Aspiration hazard : Not classified

GHS Label element

Hazard pictograms : None
Signal Word : None
Hazard Statements : The mixture does not meet the criteria for classification.
Precautionary Statements : **Prevention:** None

Response: None

Storage: Keep in a dry, cool and well-ventilated place. The recommended storage temperature is 5-30 °C.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Other hazards : None

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Section : 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Sodium polyacrylate	SPA	9003-04-7	95-100

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section: 4. FIRST AID MEASURES

In case of eye contact	: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.
In case of skin contact	: Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.
If swallowed	: Rinse mouth with water. Do not induce vomiting.
If inhaled	: Move to fresh air.
Protection of first-aiders	: Move to fresh air. Call a physician if symptoms develop or persist.
Notes to physician	: No data available.
Most important symptoms and effects, both acute and delayed	: No data available.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water. Water spray. Foam. Dry powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	: None.
Specific hazards during firefighting	: In the event of fire the following can be released: Nitrogen Oxides. Carbon Oxides.
Hazardous combustion products	: No unusual fire or explosion hazards noted.
Special protective equipment for firefighters	: No special protective equipment required.

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Precautions : The product swells in water The product when wet renders surfaces extremely slippery.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : No special precautions required. The product swells in water. The product when wet renders surfaces extremely slippery.

Environmental precautions : As with all chemical products, do not flush into surface water.

Methods and materials for containment and cleaning up : Do not flush with water. Clean up promptly by sweeping or vacuum Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

Conditions for safe storage : Keep in a dry, cool and well-ventilated place. The recommended storage temperature is 5-30 °C.

Suitable material : No data available

Unsuitable material : Strong oxidizing agents. Acids.

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Occupational exposure limits : No exposure limits noted for ingredient(s).

Biological limit values : No biological exposure limits noted for the ingredient(s).

Engineering measures : Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Personal protective equipment

Eye protection : Safety glasses with side-shields. Do not wear contact lenses where this product is used.

Hand protection : PVC or other plastic material gloves.

Skin protection : Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Respiratory protection : Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³.

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Granular solid
Colour	: White
Odor	: None
Flash point	: no data available
pH	: 5 - 8 @ 5 g/L
Odour Threshold	: no data available
Melting point/freezing point	: > 150°C
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: no data available
Approx. bulk density	: 0.6 - 0.9
Water solubility	: no data available
Solubility in other solvents	: Insoluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Molecular weight	: no data available
Specific gravity	: no data available

Section: 10. STABILITY AND REACTIVITY

Chemical stability	: The product is stable and non-reactive under normal conditions of use, storage and transport. Hazardous polymerisation does not occur.
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- Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
- Conditions to avoid : Contact with incompatible materials.
- Incompatible materials : Strong oxidizing agents. Strong acids. Oxidizing agents may cause exothermic reactions.
- Hazardous decomposition products : Thermal decomposition may produce: nitrogen oxides (NOx), carbon oxides (COx). Hydrogen cyanide (hydrocyanic acid).

Section: 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

- Eyes : Dust may irritate the eyes.
- Skin : Dust or powder may irritate the skin
- Ingestion : Expected to be a low ingestion hazard.
- Inhalation : Dust may irritate respiratory system.

Experience with human exposure

- Eye contact : Direct contact with eyes may cause temporary irritation.
- Skin contact : Prolonged skin contact may cause temporary irritation.
- Ingestion : No data available.
- Inhalation : Not a respiratory sensitizer.

Toxicity

Product

- Acute oral toxicity : LD50/oral/rat > 5000 mg/kg
- Acute inhalation toxicity : The product is not expected to be toxic by inhalation.
- Acute dermal toxicity : LD50/dermal/rat > 5000 mg/kg
- Skin corrosion/irritation : Not irritating.
- Serious eye damage/eye irritation : Not irritating.
- Respiratory or skin sensitization : Not sensitizing.
- Carcinogenicity : Not carcinogenic.

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IARC

Not listed.

OSHA

Not regulated.

NTP

Not listed.

Reproductive effects : Not toxic for reproduction.

Germ cell mutagenicity : Not classified

Teratogenicity : Not classified

STOT - single exposure : Not classified

STOT - repeated exposure : Not classified

Aspiration toxicity : Not an aspiration hazard.

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish : LC50/Danio rerio/96 hours > 100 mg/L (OECD 203)
Toxicity to daphnia : EC50/Daphnia magna/48 hours > 100 mg/L (OECD 202)
Toxicity to algae : IC50/Scenedesmus subspicatus/72 hours > 100 mg/L (OECD 201)

Persistence and degradability : Not readily biodegradable.

Mobility: no data available

Bioaccumulative potential: Does not bioaccumulate.

LogPow: -2

LogKow: Not determined

Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods : Dispose of in accordance with local, state and federal regulations.

Contaminated packaging : Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated,

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when in compliance with local, state and federal regulations.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT):

Not regulated as dangerous goods.

Air transport (IATA)

Not regulated as dangerous goods

Sea transport (IMDG/IMO)

Not regulated as dangerous goods

Section: 15. REGULATORY INFORMATION

TSCA list : Not regulated.

RCRA Status: Not RCRA hazardous

EPCRA - Emergency Planning and Community Right-to-Know Act: Not listed.

CERCLA Reportable Quantity: Not listed.

SARA 304 Extremely Hazardous Substances Reportable Quantity: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910. 1001-1050): Not regulated.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpart D):
Not regulated.

SARA 311/312 Hazardous: No chemical.

US STATE REGULATION:

US. California Proposition 65: WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

INTERNATIONAL CHEMICAL CONTROL LAWS :

USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.

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China (IECSC): All components of this product are either listed on the inventory or are exempt from listing.

European Union (REACH): All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

Australia (AICS): All components of this product are either listed on the inventory or are exempt from listing.

Japan (ENCS): All components of this product are either listed on the inventory or are exempt from listing. **Korea (ECL):** Status not yet confirmed. For Research & Development purposes only.

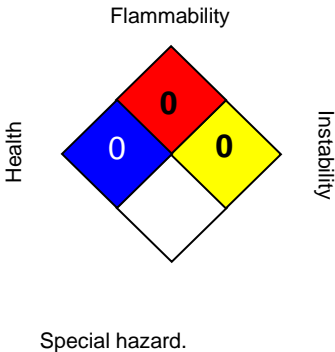
Philippines (PICCS): Status not yet confirmed. For Research & Development purposes only

Taiwan (CSNN): All components of this product are either listed on the inventory or are exempt from listing.

New Zealand (NZIoC): All components of this product are either listed on the inventory or are exempt from listing.

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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The information provided in 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 designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.