



Safety Data Sheet

SECTION 1: Identification

Product identifier: RCN Balls™

Other means of identification: Rubber Coated Nylon Balls

Relevant identified uses of the substance or mixture and uses advised against use of substance/preparation:

Industrial:

Silicone compound

Manufacturer/supplier:

Perf Sealers

16225 Park Ten Place, Suite 500 Houston, TX, 77084

Phone: 844-277-7373 Fax: 713-338-3410

Perfsealers.com

Emergency phone number: 844-277-7373 (24 hours/day, 7 days/week)

Date prepared: 8-22-2016

Date revised: 8-20-2019

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Classification according to Regulation (EC) NO.1272/2008

Not a hazardous substance or mixture

Label elements

Labeling according to Regulation (EC) NO.1272/2008

No Labeling according to GHS required

Circle symbol: none

Signal word: none

Dangerous risk statement: No harm

Precautionary statements: Avoid contact with eyes

If you touch your eyes, rinse carefully with water. Wear contact lenses such as convenience, first remove the contact lenses, and then continue to rinse the eyes.

Other hazards: unknown

Note: This information is based on the product's test data.

SECTION 3: Composition/information on ingredients

Substances: Not applicable

Mixtures:

Chemical Characteristics: Polydimethylsiloxane with functional groups and auxiliaries for additional cross-linking.

Chemical Identity

CAS Number	Chemical Name	Content
67762-94-1	Polymethylvinylsiloxane	50%-85%
7631-86-9	Silicon Dioxide	15%-50%

Polymethylvinyl siloxane

SECTION 4: First aid measures

Description of first aid measures

General Information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible)

After contact with the eyes:

Rinse immediately with plenty of water, seek medical advice in case of continuous irritation.

After contact with the skin:

Immediately wash with plenty of water or soap and running water. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible)

After inhalation:

Provide fresh air

After swallowing:

Give several small portions of water to drink. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

Indication of any immediate medical attention and special treatment needed

Further toxicology information in section 11 must be observed.

SECTION 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.

Extinguishing media which must not be used for safety reasons:

Water jet.

Special hazard arising from the substance of mixture

Risk of hazardous gasses or fumes in the event of fire, Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides, silicone oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes.

Advice for firefighters

Special protective equipment for the firefighting:

Use respiratory protection independent of recirculated air Keep unprotected persons away.



SECTION 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedure.

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk-through spilled material.

Environmental precautions

Prevent material from entering surface water, drains or sewers and soil. Close leak, if possible, without risk. Contain any fluid that runs out using suitable material (e.g., earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewage or ground.

Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic/non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Silicone fluids are slippery: spills are a safety hazard. Apply sand or other inert granular material to improve traction.

Reference to other section

Relevant information in other sections must be considered. This applies for information given on personal protective equipment (section 8) and on disposal (section13).

SECTION 7: Handling and storage

Precaution for safe handling:

General information:

Stir thoroughly before use or catalyzing.

Precautions for safe handling:

Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping. Observe information in section 8.

Precautions against fire and explosion:

Observe the general rules for fire prevention.

Wear eye and hand protection when in handling.

Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and vessels:

Observe local/state/federal regulations.

Further information for storage:

Store in dry and cool place indoors, with container tightly closed.

Specific end use(s)

No data available.



SECTION 8: Exposure controls/personal protection

Control Parameters

Maximum airborne concentrations at the workplace:

Not applicable

Exposure controls

Exposure in the workplace limited and controlled

General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

Personal protection equipment:

Respiratory protection

No personal respiratory protective equipment normally required.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Filtering half-face mask. Observe the equipment manufacture's information and wear time limits for respirators.

Eye protection: Recommendation: protective goggles.

Hand protection: Use of protective gloves is recommended when handling the material.

Skin protection: proper cleaning before and after work

Personal hygiene measures: Perform good industrial hygiene measures, please carry out cleaning after operation, especially before eating or smoking

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consider the specific local conditions under which the product is used. Such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical form

Solid

Color

Translucent

Odor

No irritating odor

PH value PH

No data

Volatile



Very small amount
Melting point
No data
Boiling Point / Range
> 149 ° F (65 ° C)
Explosion limits
No data
Density
1.0000-1.6000
Water-soluble
Insoluble
Other information
No data available.

SECTION 10: Stability and reactivity

Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can be found in other parts of this section.

Conditions to avoid

None known

Incompatible materials

None known

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Acute toxicity estimate(ATE)

ATEmix(oral) >2000mg/Kg

Skin corrosion/irritation

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Serious eye damage /eye irritation

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Respiratory or skin sensitization

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Germ cell mutagenicity

Assessment:



For this endpoint no toxicological test data is available for the whole product.

Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (single exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (repeated exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Aspiration hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

Note: Based on similar product test data

SECTION 12: Ecological information

Toxicity

Assessment:

For the product as a whole, no test data is available. According to current knowledge adverse effects on water purification plants are not expected.

Persistence and degradability

Assessment:

Silicone content: biologically not degradable. Sedimentation.

Bioaccumulate potential

Assessment:

No adverse effects expected.

Mobility in soil

Assessment:

For the product as a whole, no test data is available.

Results of PBT and vPvB assessment PBT

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

None known

SECTION 13: Disposal considerations

Waste treatment methods

Material



Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with federal, State, and local regulations, at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no power rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations, uncleaned packaging should be treated with the same precautions as the material.

SECTION 14: Transport information

UN number; UN proper shipping name; Transport hazard class(es); Packing group

Road ADR:

Valuation.....: Not regulated for transport

Railway ADR:

Valuation: Not regulated for transport

Transport by sea IMDS-DGR:

Valuation.....: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

Environmental hazards

Hazardous to the environment: no

Special precautions for user

Relevant information in other sections has to be considered.

Transport in bulk according to Annex II of MARPOL and the IBC code Bulk transport in tankers is not intended. MARPOL II IBC

SECTION 15: Regulatory information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

For information on labeling please refer to section 2 of this document.

Relevant regulations

GB/T 24775-2009

Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has been carried out for this product. (EC) 1907/2006 (REACH)

Details of international registration status

This product is listed in, or complies with, the substance inventory.

United States of America (USA).

TSCA (Toxic Substance Control Act Chemical Substance Inventory)



TSCA:

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA):

REACH (Regulation (EC) No 1907/2006) REACH (EC) No 1907/2006:

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

SECTION 16: Other information

Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product .in other jurisdictions and with regard to the protection of third-part intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

Further information:

Notice to reader:

Unless otherwise specified in section 1, Perf Sealers products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection, or direct ingestion into the human body, not for use in the manufacture of multiple use contraceptives.

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 guide 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.

-End of Safety Data Sheet-