SAFETY DATA SHEET



Rubber Guard NS

Section 1. Identification

Rubber Guard NS **GHS** product identifier

RGNS-10G **Product code** : Butyl Rubber Other means of identification

Product type : Paste.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Non Skinning Butyl Rubber Sealant

Everkem Diversified Products Supplier's details

120 Regent Drive, Winston Salem, NC 27103 USA

Tel: 1-800-638-3160 Fax: (336) 661-7969

Web Site: www.everkemproducts.com

Emergency telephone number (with hours of

operation)

Everkem Diversified Products Phone: 1-800-638-3160

Hours of Operation: M-F 9:00 am - 5:00 pm EST

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

Since the product is in paste form, the risk of exposure to a carcinogen dust is minimum, this is why the related hazard statements are not shown in this SDS.

GHS label elements

Hazard pictograms



Signal word : Warning

Hazard statements : H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary statements

Prevention : P280 - Wear protective gloves. Wear eye or face protection.

P264 - Wash thoroughly after handling.



Section 2. Hazards identification

Response : P362 + P364 - Take off contaminated clothing and wash it before reuse.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P332 + P313 - If skin irritation occurs: Get medical advice or attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise : None known.

classified

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of : Non-Skinning Butyl Rubber Sealant identification

Ingredient name	%	CAS number
Calcium carbonate	≥50 - ≤75	471-34-1
Kaolin	≥10 - ≤25	1332-58-7
Magnesium carbonate	≥10 - ≤25	546-93-0
Stoddard solvent	≥10 - <25	8052-41-3
Silica gel, pptd., crystfree	≥1 - ≤3	112926-00-8
Calcium oxide	≥1 - ≤3	1305-78-8
Carbon black, respirable powder	≥0.3 - <1	1333-86-4
Titanium dioxide	≥0.3 - ≤1	13463-67-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.



Section 4. First aid measures

Ingestion

: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation.

: No known significant effects or critical hazards. Ingestion

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:

> pain or irritation watering redness

Inhalation : No known significant effects or critical hazards.

Skin contact Adverse symptoms may include the following: irritation

redness

Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

: Treat symptomatically. Contact poison treatment specialist immediately if large Notes to physician

quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may

be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

media

Unsuitable extinguishing

media

: None known.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials: carbon dioxide

carbon monoxide metal oxide/oxides





Section 5. Fire-fighting measures

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.





Section 7. Handling and storage

including any incompatibilities

Conditions for safe storage, : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Calcium carbonate	NIOSH REL (United States, 10/2016).
	TWA: 5 mg/m³ 10 hours. Form: Respirable
	fraction
	TWA: 10 mg/m³ 10 hours. Form: Total
Kaolin	ACGIH TLV (United States, 3/2019).
	TWA: 2 mg/m³ 8 hours. Form: Respirable
	fraction
	NIOSH REL (United States, 10/2016).
	TWA: 5 mg/m³ 10 hours. Form: Respirable fraction
	TWA: 10 mg/m³ 10 hours. Form: Total
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m³ 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m ³ 8 hours. Form: Total dust
Magnesium carbonate	NIOSH REL (United States, 10/2016).
ag., oo.a ca. zoa.c	TWA: 5 mg/m³ 10 hours. Form: Respirable
	fraction
	TWA: 10 mg/m³ 10 hours. Form: Total
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m³ 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m³ 8 hours. Form: Total dust
Stoddard solvent	ACGIH TLV (United States, 3/2018).
	TWA: 100 ppm 8 hours.
	TWA: 525 mg/m ³ 8 hours.
	NIOSH REL (United States, 10/2016).
	TWA: 350 mg/m³ 10 hours.
	CEIL: 1800 mg/m³ 15 minutes. OSHA PEL (United States, 5/2018).
	TWA: 500 ppm 8 hours.
	TWA: 2900 mg/m ³ 8 hours.
Silica gel, pptd., crystfree	NIOSH REL (United States, 10/2016).
omoa gei, ppia., orysinee	TWA: 6 mg/m ³ 10 hours.
Calcium oxide	ACGIH TLV (United States, 3/2019).
Salsian Ondo	TWA: 2 mg/m³ 8 hours.
	NIOSH REL (United States, 10/2016).
	TWA: 2 mg/m³ 10 hours.
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m ³ 8 hours.



Titanium dioxide

Section 8. Exposure controls/personal protection

TWA: 3.5 mg/m³ 10 hours. TWA: 0.1 mg of PAHs/cm³ 10 hours. **OSHA PEL (United States, 5/2018).**

TWA: 3.5 mg/m³ 8 hours.

ACGIH TLV (United States, 3/2019).
TWA: 3 mg/m³ 8 hours. Form: Inhalable

fraction.

ACGIH TLV (United States, 3/2019).

TWA: 10 mg/m³ 8 hours.

OSHA PEL (United States, 5/2018). TWA: 15 mg/m³ 8 hours. Form: Total dust

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.





Section 9. Physical and chemical properties

Appearance

Physical state : Paste. Color Black/Gray. Odor : Hydrocarbon. : Not available. **Odor threshold** pН Not available. **Melting/freezing point** : Not available. Initial boiling point and : Not available.

boiling range

Flash point : Not available. : Not available. **Evaporation rate** Flammability (solid, gas) : Not applicable. : Lower: 1.1% Lower and upper explosive (flammable) limits Upper: 6% **Vapor pressure** : Not available. Vapor density : Not available.

Solubility Solubility in water Partition coefficient: n-

Specific gravity

octanol/water

Insoluble. : Not available.

: Not available.

: 1.4 g/cm³

Auto-ignition temperature : Not applicable. **Decomposition temperature** : Not available. : >20.5 cSt **Viscosity** Flow time (ISO 2431) : Not available.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Reactive or incompatible with the following materials: strong oxidizers.

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-
Magnesium carbonate	LD50 Oral	Rat	8000 mg/kg	-
Carbon black, respirable powder	LD50 Oral	Rat	>15400 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
	Eyes - Mild irritant Eyes - Moderate irritant	Human Rabbit	-	100 ppm 24 hours 500 mg	-

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP
Silica gel, pptd., crystfree Carbon black, respirable	-	3 2B	-
powder Titanium dioxide	-	2B	-

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

Name	3 ,	Route of exposure	Target organs
Calcium oxide	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
Stoddard solvent	Category 1		central nervous system (CNS)

Aspiration hazard

Name	Result
Stoddard solvent	ASPIRATION HAZARD - Category 1





Section 11. Toxicological information

Information on the likely routes of exposure

: Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact: Causes skin irritation.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following:

pain or irritation watering

redness

Inhalation : No known significant effects or critical hazards.Skin contact : Adverse symptoms may include the following:

irritation redness

Ingestion : No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate : No known significant effects or critical hazards.

effects

Potential delayed effects: No known significant effects or critical hazards.

Long term exposure

Potential immediate : No known significant effects or critical hazards.

effects

Potential delayed effects: No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	(5)	(vapors)	Inhalation (dusts and mists) (mg/ I)
Calcium carbonate Magnesium carbonate	6450	N/A	N/A	N/A	N/A
	8000	N/A	N/A	N/A	N/A





Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Calcium carbonate	Acute LC50 >56000 ppm Fresh water Chronic NOEC 61 mg/g Fresh water	Fish - Gambusia affinis - Adult Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling,	96 hours 28 days
Calcium oxide	Chronic NOEC 100 mg/L Fresh water	Weanling) Fish - Oreochromis niloticus - Juvenile (Fledgling, Hatchling,	46 days
Carbon black, respirable powder	Acute EC50 37.563 mg/L Fresh water	Weanling) Daphnia - Daphnia magna - Neonate	48 hours
Titanium dioxide	Acute LC50 >1000000 μg/L Marine water	Fish - Fundulus heteroclitus	96 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Stoddard solvent Calcium oxide	3.16 to 7.06 -	2.34	high low

Mobility in soil

Soil/water partition coefficient (K_{oc})

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.





Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

AERG: Not applicable

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in the

event of an accident or spillage.

Transport in bulk according : Not available.

to IMO instruments

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)** : Not listed

Clean Air Act Section 602

Class I Substances

: Not listed

Clean Air Act Section 602

Class II Substances

: Not listed

DEA List I Chemicals

: Not listed

(Precursor Chemicals) **DEA List II Chemicals**

: Not listed

(Essential Chemicals)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

Composition/information on ingredients





Section 15. Regulatory information

Name	%	Classification
Stoddard solvent	≥10 - <25	FLAMMABLE LIQUIDS - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1
Calcium oxide	≥1 - ≤3	SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Carbon black, respirable powder Titanium dioxide	≥0.3 - <1 ≥0.3 - ≤1	CARCINOGENICITY - Category 2 CARCINOGENICITY - Category 2

State regulations

Massachusetts : The following components are listed: Magnesium carbonate; Stoddard solvent; Silica gel,

pptd., cryst.-free; Calcium oxide

New York : None of the components are listed.

The following components are listed: Kaolin; Magnesium carbonate; Stoddard solvent; **New Jersey**

Silica gel, pptd., cryst.-free; Calcium oxide; Carbon black, respirable powder; Titanium

dioxide

Pennsylvania : The following components are listed: Kaolin: Stoddard solvent; Silica gel, pptd., cryst.-

free; Calcium oxide; Carbon black, respirable powder; Titanium dioxide

California Prop. 65

MARNING: This product can expose you to chemicals including Carbon black, respirable powder and Titanium dioxide, which are known to the State of California to cause cancer. For more information go to www.P65Warnings. ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Carbon black, respirable powder Titanium dioxide	-	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : All components are listed or exempted.

Canada : At least one component is not listed in DSL but all such components are listed in NDSL.





Section 15. Regulatory information

China : All components are listed or exempted.

Europe : Not determined.

Japan : Japan inventory (ENCS): Not determined.

Japan inventory (ISHL): Not determined.

New Zealand : All components are listed or exempted.
 Philippines : All components are listed or exempted.
 Republic of Korea : All components are listed or exempted.
 Taiwan : All components are listed or exempted.

Thailand : Not determined.

Turkey : All components are listed or exempted.United States (TSCA 8b) : All components are active or exempted.

: 08/30/2020

Viet Nam : Not determined.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
	Expert judgment Expert judgment

History

Date of issue/Date of

revision

Date of previous issue : Not applicable

Version : 1

Internal code : 301-012

Prepared by : KMK Regulatory Services Inc.

Key to abbreviations : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

N/A = Not available SGG = Segregation Group

UN = United Nations

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

