



SECTION 1: Identification

1.1. Identification

Trade name : NOVASET
Product code : R250 ISW

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Roof coating
Restriction on use : None

1.3. Supplier

Supplier:

US Company Name

US Address

US telephone number

Manufacturer:

NaturaSeal Distribution Inc.

960 Edgeley Blvd. Unit #4

Vaughan, ON L4K 4V4 - Canada

1905 827 7221

SDS Date of Preparation: 6/15/2023

1.4. Emergency telephone number

Emergency number : 1-855-797-SEAL (24hrs) (1-855-797-7325) Please provide an emergency number available to the US along with hours of operations.

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin sensitization, Category1 May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning!

Hazard statements (GHS US)

: May cause an allergic skin reaction

Precautionary statements (GHS US)

: Avoid breathing mist, spray, vapours.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical attention.
Wash contaminated clothing and wash before reuse.
Dispose of contents and container in accordance with local and national regulations.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Carcinogenicity only applies to roofing and paving operations where the asphalt is heated.

SECTION 3: Composition/Information on ingredients

3.1. Ingredients

Ingredients	Product identifier	WT. %
Polymer Blend	Proprietary	20 - 40
Aluminum Trihydrate	(CAS-No.) 21645-51-2	10 - 20



Water	(CAS-No.) 7732-18-5	10 - 20
Titanium Dioxide	(CAS-No.) 113463-67-7	1 - 10
Crystalline Silica Quartz	(CAS-No.) 14808-60-7	0.1 - 1
Polypropylene Glycol Alkyl Phenyl Ether	(CAS-No.) 9065-13-5	0.1 - <1

Note: The crystalline silica and titanium dioxide in this product are inextricably bound so no exposure will occur and the carcinogen classification does not apply for these chemicals.

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

Eyes	: Immediately flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.
Skin	: Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation or rash develops, get medical attention. Launder clothing before re-use.
Inhalation	: If symptoms develop, remove victim to fresh air. If symptoms develop, get medical attention.
Ingestion	: If conscious, rinse mouth with water. Never give anything by mouth to a person who is unconscious or convulsing. If large amount is swallowed or gastrointestinal effects develop, get medical attention.
Most important symptoms/effects, acute and delayed	: Causes mild eye irritation. Prolonged contact may cause skin irritation and dryness. May cause an allergic skin reaction. Inhalation of vapours or mists may cause respiratory irritation. Ingestion may cause nausea, vomiting and diarrhea.
Indication of immediate medical attention and special treatment, if necessary	: Immediate medical attention is not normally required.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Extinguishing media	: Use any media appropriate for the surrounding fire. Cool fire exposed containers with water.
---------------------	--

5.2. Specific hazards arising from the chemical

This product is an aqueous mixture that will not burn until all water has evaporated. Residue will burn after the water has evaporated. Combustion products may include carbon oxides, aluminum oxides and acrylic monomers.

5.3. Special protective equipment and precautions for fire-fighters

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing to avoid eye and skin contact.

6.2. Environmental precautions

Avoid release to the environment. Report releases as required by local, state and federal authorities.

6.3. Methods and material for containment and cleaning up

Dike the spilled material. Attempt to reclaim the free product, if this is possible. Place in an appropriate container for use or disposal. Collect residue with inert material and place into a closable container for disposal. Wash spill area.



SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Avoid contact with the eyes, skin and clothing. Avoid breathing vapours and mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, well-ventilated area. Protect from physical damage. Store in original container; keep tightly closed. Rotate stock, using older materials first. Do not reuse container for other purposes. Do not store in freezing areas. Keep above 40 °F, but less than 100 °F. Do not store in direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Exposure Guidelines

Ingredients	Exposure Limits
Acrylic Polymer	None Established
Aluminum Trihydrate	5 mg/m ³ TWA OSHA PEL (respirable dust) 15 mg/m ³ TWA OSHA PEL (total dust) 1 mg/m ³ TWA ACGIH TLV (respirable dust)
Calcium Carbonate	5 mg/m ³ TWA OSHA PEL (respirable fraction) 15 mg/m ³ TWA OSHA PEL (total dust)
Titanium Dioxide	15 mg/m ³ TWA OSHA PEL (total dust) 10 mg/m ³ TWA ACGIH TLV
Crystalline Silica, Quartz	0.05 mg/m ³ TWA OSHA PEL (respirable dust) 0.025 mg/m ³ TWA ACGIH TLV (respirable fraction)
Polypropylene Glycol Alkyl Phenyl Ether	None Established

8.2. Appropriate engineering controls

Appropriate engineering controls

: Use with adequate general or local exhaust ventilation to maintain exposures below the occupational exposure limits.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Rubber or other impervious gloves are recommended to prevent prolonged skin contact.

Eye protection:

Chemical safety goggles should be worn if splashing is possible.

Respiratory protection:

If the exposure limits are exceeded a NIOSH approved respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Other Protective Equipment:

Impervious clothing as needed to prevent contact.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Boiling Point (@ 760 mmHg)	: 212°F (100°C) (water)
Odor Threshold	: Not determined
Relative density (H ₂ O=1)	: Not determined
VOC	: No data available
Evaporation Rate	: No data available
pH	: No data available
Flash Point	: Not flammable
Freezing Point	: No data available
Decomposition Temperature	: Not determined
Flammable Limits: (vol % in air)	: Not applicable
Flammability (solid, gas)	: Not applicable
Viscosity	: Not determined
Vapor Pressure	: No data available
Vapor Density (AIR=1)	: >1
Solubility In Water	: Partly soluble
Partition Coefficient n-Octanol/Water	: Not determined
Autoignition Temperature	: Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal storage and handling conditions

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Avoid oxidizing agents, acids and metal salts.

10.6. Hazardous decomposition products

Thermal decomposition may yield carbon oxides, aluminum oxides and acrylic monomers.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Eye	: Eye contact may cause irritation with redness and tearing.
Skin	: Prolonged skin contact may cause irritation and drying of the skin.
Inhalation	: Inhalation of vapours or mists may cause mucous membrane and upper respiratory tract irritation
Ingestion	: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Sensitization	: This product is not expected to cause sensitization.
Chronic effects	: This product contains a very small amount of naturally occurring crystalline silica. Repeated inhalation of large amounts of silica dust over an extended period of time may result in a progressive, disabling disease, silicosis. However, the crystalline silica in this product is bound in the polymer matrix and dust exposure would not be expected.
Carcinogenicity	: Titanium dioxide is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B. Respirable crystalline silica is classified as a Group 1 carcinogen by IARC, and "Known to be a Human Carcinogen" by NTP. However, the crystalline silica and titanium dioxide in this product are bound in the polymer matrix and dust exposure would not be expected. None of the other components present at 0.1% or greater are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.
Reproductive effects	: None of the components have been shown to cause reproductive or developmental toxicity.

**11.1. Numerical measures of toxicity**

Acrylic Polymer	
Oral rat LD50	>2000 mg/kg
Inhalation rat	>5 mg/L
Dermal rabbit	>5000 mg/L
Aluminum Trihydrate	
Oral rat LD50	>5000 mg/kg
Calcium Carbonate	
Oral rat LD50	6450 mg/kg
Titanium Dioxide	
Oral rat LD50	>5000 mg/kg
Crystalline Silica	
Oral rat LD50	>10,000 mg/kg
Inhalation rat LC50	>0.139 mg/l/4 hr
Dermal rabbit LD50	>5000 mg/kg
Polypropylene Glycol Alkyl Phenyl Ether	
Oral rat LD50	>6000 mg/kg

SECTION 12: Ecological information**12.1. Ecotoxicity**

No toxicity data for the product

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

This product is not expected to bioaccumulate.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations**13.1. Disposal methods**

Waste treatment methods : Dispose in accordance with all local, state and federal regulations.

SECTION 14: Transport information

Department of Transportation (DOT)	UN/ID Number	: None
	Proper Shipping Name	: Not Regulated
	Hazard Class	: None
	Packing Group	: None
	ERG Code	: N/A
	DOT Special Provisions	: None known
	Description	: None

Transportation of Dangerous Goods (TDG)	UN/ID Number	: None
	Proper Shipping Name	: Not Regulated
	Hazard Class	: None
	Packing Group	: None
	ERG Code	: N/A
	TDG Special Provisions	: None known
	Description	: None



IATA

UN/ID Number	: None
Proper Shipping Name	: Not Regulated
Hazard Class	: None
Packing Group	: None
ERG Code	: N/A
Special Provisions	: None known
Description	: None

IMDG

UN/ID Number	: None
Proper Shipping Name	: Not Regulated
Hazard Class	: None
Packing Group	: None
EmS-No	: N/A
Special Provisions	: None known
Description	: None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

SECTION 15: Regulatory information

15.1.US Federal regulations

SARA Hazard Category (311/312)

Refer to Section 2 for OSHA Hazard Classification.

EPA SARA 313

This product contains the following chemicals regulated under SARA Title III, section 313: None

CERCLA Hazardous Substances (Section 103)/RQ

This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act

All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product contains chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 16: Other information

NFPA Rating:	Health = 1	Fire = 0	Instability = 0
HMIS Rating:	Health = 1	Fire = 0	Physical Hazard = 0

SDS Date of Preparation: 1/15/2022

Revision Summary: New SDS

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. NaturaSeal Distribution Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.