

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**Product Identifier****Identification as on the label/Trade name:**

Bath and Toilet Nanocoat

Relevant identification uses of the substance and uses advised against:**Identified Uses:**

Bath and Toilet Nanocoat Waterproof Agent

Uses advised against:

No Other uses are advised.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETGLASSGUARD AUSTRALIA PTY LTD
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Section 2: Hazards Identification**CLASSIFICATION OF THE SUBSTANCES OR MIXTURE****The mixture is classified according to:**

Globally Harmonized System for the classification and labeling of Chemicals (GHS)

Hazard Classes/Hazard Categories:Flammable Liquid (Category 4)
Skin Corrosion/Irritation (Category 3)
Inhalation (Category 1)**LABEL ELEMENTS****Hazard Pictogram:****Signal Word:** Danger!**Hazard Statements:**H330 Fatal if Inhaled
H311 Toxic in contact with skin
H227 Combustible Liquid**Precautionary Statements:**P102: If medical advice is needed, have the product container or label on hand.
P102: Keep out of reach of children.**Response:**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 + P317 If skin or eye irritation persists: Get medical help.
If swallowed or inhaled, death may result.

Section 2 Continued: Hazards Identification

Hazard on flammability and explosion: Keep away from ignition sources such as heat/sparks/flame. Use explosion-proof electric ventilation / illumination equipment. Vapor accumulation could flash and/ or explode if ignited. Material can accumulate static charges which may cause an incendiary electrical discharge. Keep container close to avoid solvent volatilization after using.

Section 3: Composition/Information on Ingredients

Substance / Mixture

Bath and Toilet Nanocoat

Ingredients:

SUBSTANCE NAME (IUPAC/EC)	CAS-No.	CONCENTRATION % BY WEIGHT
	EC-No.	
Hydro-treated Light Distillate	64742-47-8	30-70
(3-Aminopropyl)triethoxysilane	919-30-2	5-25
Octamethylcyclotetrasiloxane	556-67-2	5-20

Section 4: First Aid Measures

DESCRIPTION OF FIRST AID MEASURES

In case of inhalation: If breathed in, move person to fresh air. Get medical attention immediately.

In case of skin contact: Flush skin with luke warm water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Launder contaminated clothing before reuse.

In case of eye contact: Do not rub eyes. Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. Get medical attention immediately.

In case of Ingestion: Immediately seek medical attention. Do not induce vomiting.

Never give anything by mouth to an unconscious person. In case of discomfort, seek medical attention.

Section 5: Fire-Fighting Measures

EXTINGUISHER MEDIA

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazard combustible product: CO.

Flashpoint >71°C/160F. Vaop can form flammable mixtures with air, that could flash or explode if ignited,

Advice for fire-fighters: Evacuate area and contact emergency services. Wear full protective equipment including self contained breathing apparatus (SCBA) when combating fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Remove possible ignition sources. Evacuate and isolate the spill area, avoid contact with spilled materials. Self contained breathing apparatus and protective clothing worn. Prevent spilled material entering waterways, sewer, basements or confined areas.

Methods for containment and cleaning up:

Collect spilled material into a closed container. Absorb or clean up remained material with dry earth, sand, activated carbon or other inertial materials.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Do not directly inhale the vapors. Prevent leakage to avoid slip hazard. Avoid contact with heat, sparks, flame and other ignition sources.

Conditions for safe storage, including incompatibilities:

Store in original container only, in a cool, dry place. Keep containers tightly closed.

Specific end uses: Do not apply direct heat. Use only as directed.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: Does not contain any substances with occupational exposure limits.

Exposure:

Appropriate engineering controls: Ensure adequate ventilation during use.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Wear PPE approved half-face mask with filter..

Skin protection: Wear chemical and oil resistant clothing and protective chemical resistant gloves.

Eye protection: Use chemical workers goggles.

General protective and hygiene measures: Do not smoke, eat or drink while using this product.

Follow general good hygiene practices.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (Form): Liquid.

Colour: Clear or Pale Yellow

Odor: Mild

Boiling point/range (°C): 200°C/392F - 250°C/482F

Flashpoint (°C): >77°C/171F [ASTM D-93]

Evaporation rate: (n-butyl acetate =1): 0.1.

Flammability: Flammable.

Danger of explosion: No data available.

Upper/lower explosive limits: No data available.

Vapor pressure: 0.023 kPa (0.17 mm Hg) at 20°C.

Vapor density: (Air = 1): 6.2 at 101 kPa

Relative Density: 0.71-0.81g/cm³

Water solubility: Negligible.

Section 10: Stability and Reactivity

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

Chemical Stability: Stable under normal conditions of use and storage.

Possibility of hazardous reactions: Don't mix with alcohol, water or moisture.

Strong oxidizing material can cause reaction.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame).

Incompatible materials: No specific data.

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:

Inhalation: Minimally Toxic; Irritative to skin and respiratory passage, but negligible hazard at ambient/normal handling temperatures.

Ingestion: Toxicity: LD50 > 15000 mg/KG. Minimally Toxic.

Skin: Toxicity: LD50 > 3160 mg/KG. Minimally Toxic. Moderate irritation to skin due to prolonged exposure.

Eye: Irritative. May cause moderate, short-lasting discomfort to eyes.

Vapor/aerosol concentrations above recommended exposure levels are irritating to eyes, and respiratory tract. May cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects. Prolonged and/or repeated exposure to skin may cause irritation. Small amounts of liquid aspirated into lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

Section 12: Ecological Information

Environmental Effects:

Acute/chronic effects: No harm to aquatic organisms

Bio-degradation: Quickly biodegradable.

Bio-accumulation: No bio-accumulation potential.

Section 13: Disposal Considerations

Waste treatment methods: Hazard Waste Solvent - HW42. Dispose in accordance with local regulations.

Product/packaging disposal: Dispose of as unused product in accordance with local regulations.

Section 14: Transport Information

LAND (DOT)

Proper Shipping Name: Petroleum Distillates, N.O.S.

LAND (TDG): Not regulated for Land Transport

SEA (IMDG): Not regulated for Sea Transport according to IMDG-Code

AIR (IATA): Not Regulated for Air Transport

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP].

Relevant information regarding restrictions: None known.

US Regulations:

SARA title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA title III Section 311/312 Hazard Categorization: Acute Health Hazard.

SARA title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report in levels established by SARA Title III, Section 13.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Australia Regulations:

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP): Not Scheduled.

Applicable prohibitions and notifications/licensing requirements: Not listed.

Agricultural and Veterinary Chemicals Act: Not listed.

GHS Hazardous Chemical Information List: Not listed.

Chemical Safety Assessment Carried out: No.

Section 16: Other Information

Training Instructions: Use as instructed.

Further Information: This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.

Notice to reader: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.