

# Safety Data Sheet

Issue No: 1.1

Issue date: 4 October 2021

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **TERMINUM**

Recommended Use: Specialist adhesive

Supplier: ICA International Chemicals (Pty) Ltd

Address: 28 Planken Street  
Plankenbrug Industrial  
STELLENBOSCH · 7600 · SOUTH AFRICA

Telephone No: +27 (0) 21 886 9812

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Emergency Tel No: Griffon Poison Information Centre: +27 (0) 82 446 8946  
Poisons Helpline 0861 555 777

## 2. HAZARD IDENTIFICATION

GHS hazard classification of product:

Inhalation category 4  
Sensitization/Skin category 1B  
Aquatic environment long term hazard Category 4

GHS Label elements:



Signal Word:

**WARNING**

Hazard Statements:

H332: Harmful if inhaled.  
H317: May cause an allergic skin reaction.  
H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

Prevention:

P261: **Avoid breathing fumes.**  
P271: **Use only outdoors or in a well-ventilated area.**  
P272: **Contaminated work clothing should not be allowed out of the workplace.**  
P264: Wash hands and exposed skin thoroughly after handling.  
P280: Wear protective gloves, protective clothing, eye, and face protection.  
P273: **Avoid release to the environment.**

Response:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P304+P340: **IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.**  
P302+P352: **IF ON SKIN: Wash with plenty of soap and water.**  
P333 + P313: **If skin irritation or rash occurs: Get medical advice/attention.**  
P362+P364: **Take of contaminated clothing and wash before reuse.**

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501: Dispose of container and contents in accordance with local/national regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(s)	CAS NO:	Chemical Formula	Concentration (%)
Poly(n-Butene)-resin	9003-29-6	C <sub>8</sub> H <sub>16</sub>	65%

#### 4. FIRST AID MEASURES

##### Show this SAFETY DATA SHEET to a doctor.

<b>INHALATION:</b>	<ul style="list-style-type: none"><li>Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li><li>Call a POISON CENTER or doctor/physician if you feel unwell.</li></ul>
<b>SKIN CONTACT:</b>	<ul style="list-style-type: none"><li>Wash with plenty of soap and water.</li><li>If skin irritation or rash occurs: Get medical help.</li><li>Take off contaminated clothing and wash before reuse.</li></ul>
<b>EYE CONTACT:</b>	<ul style="list-style-type: none"><li>Rinse cautiously with water for at least 15 minutes, while holding eyelids apart.</li><li>Remove contact lenses after 5 minutes if present and easy to do.</li><li>Continue rinsing while holding eyelids apart. If eye irritation persists: Get medical help.</li></ul>
<b>INGESTION:</b>	<ul style="list-style-type: none"><li>Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.</li></ul>
<b>NOTE TO PHYSICIAN:</b>	<ul style="list-style-type: none"><li>There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient.</li></ul>
<b>POTENTIAL HEALTH AFFECTS, ACUTE AND DELAYED</b>	<ul style="list-style-type: none"><li>No significant adverse effects were reported.</li></ul>

#### 5. FIRE FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA:</b>	<b>Small fires:</b> Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide (CO <sub>2</sub> ). <b>Large fires:</b> Alcohol-resistant foam or water spray.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	DO NOT use high volume water jet.
<b>EXTINGUISHING METHODS:</b>	Fight fire from maximum distance. For massive fire, use unmanned hose holder or monitor nozzles. Collect contaminated extinguishing water separately; do not allow contaminated water to reach the sewage or effluent systems.
<b>SPECIFIC HAZARDS FROM COMBUSTION PRODUCTS:</b>	In case of fire, the formation of carbon oxides can be expected.
<b>PRECAUTIONS FOR FIRE FIGHTERS:</b>	Fire fighters should wear full chemical protective gear including self-contained breathing apparatus (SCBA). Fight fire from safe distance and protected location. Contact with the fumes and vapours should be avoided by staying upwind. Clean all clothing before re-use. Wash with soap and water after contact with this product.
<b>FURTHER INFORMATION:</b>	<ul style="list-style-type: none"><li>If possible, safely remove intact containers from the fire.</li><li>Keep containers cool by spraying with water if exposed to fire.</li><li>Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.</li><li>In case of fire and/or explosion do not breathe fumes.</li></ul>

#### 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS:</b>	Avoid contact with skin and eyes. Avoid breathing fumes. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>PROTECTIVE EQUIPMENT:</b>	Wear personal protective clothing, respiratory protection, and equipment (see section 8).
<b>EMERGENCY PROCEDURES:</b>	Keep animals away. Avoid contact with spilled material or contaminated surfaces.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Prevent further leakage or spillage if safe to do so. PREVENT spilled material from entering drains or sewer systems. If the product contaminates rivers, dams or drains immediately inform respective authorities.
<b>METHOD AND MATERIALS FOR CONTAINMENT:</b>	Contain and absorb liquid spills with inert diking material, such as sand. Remove by scoop.
<b>METHODS AND MATERIALS FOR CLEANING UP:</b>	Stop leak if possible. Contain spilled product with an inert diking material, such as sand and earth. Place reclaimed product in a closed and properly labelled waste drum. Store drum in separate area until proper disposal.

#### 7. HANDLING AND STORAGE

<b>HANDLING:</b>	<ul style="list-style-type: none"><li>Store in their original containers, which include the label listing ingredients, directions for use, and first aid steps in case of accidental poisoning.</li><li>Wear suitable protective clothing which include chemical-resistant overalls, footwear, socks, eye shields and gloves.</li><li>Do not eat, drink, or smoke when using this product.</li><li>Wash hands and exposed skin after handling.</li><li>Avoid release to the environment.</li></ul>
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<b>STORAGE:</b>	<ul style="list-style-type: none"> <li>Keep out of reach of unauthorized persons, children, and animals. Store locked up in a cool, dry, and well-ventilated area at temperatures between 5 – 35 °C. Store out of direct sunlight. Avoid prolonged storage of opened containers.</li> <li>Segregate from foods and animal feeds.</li> <li>DO NOT re-use the container for any other purpose.</li> </ul>
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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

<b>ADI – Acceptable Daily Intake</b>	N/A
<b>Occupational exposure limits</b>	TVL (ACGIH): Not listed
<b>NATIONAL EXPOSURE STANDARDS:</b>	No exposure standards have been assigned for this product.
<b>ENGINEERING CONTROLS:</b>	Provide exhaust ventilation or other engineering controls. Wash hands before breaks at the end of the workday.
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	<p><b>Respiratory protection:</b> Where exposure through inhalation may occur when handling and wear a face mask. If the product is used in confined spaces a respirator suitable for protection from mists is adequate.</p> <p><b>Hand Protection:</b> Wear chemical-resistant gloves made of any waterproof material such as nitrile rubber. Glove thickness: 0.5 mm</p> <p><b>Eye protection:</b> The use of safety goggles (full-face shield) is recommended.</p> <p><b>Skin and Body protection:</b> Wear suitable protective clothing, long sleeve shirt, long pants, boots.</p>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE (colour; physical form)</b>	White, viscous liquid
<b>ODOUR:</b>	Odourless
<b>pH (1 % in water)</b>	6.5 – 7.0
<b>MELTING / FREEZING POINT:</b>	Not Available
<b>Boiling point:</b>	Not Available
<b>FLASH POINT:</b>	> 100 °C
<b>EXPLOSIVE LIMITS:</b>	Not Available
<b>VAPOR PRESSURE (25 °C):</b>	Not Available
<b>VAPOUR DENSITY:</b>	Not Available
<b>DENSITY:</b>	0.9 – 0.95 g/mL
<b>SOLUBILITY IN WATER:</b>	Not Available
<b>N-OCTANOL/WATER PARTITION COEFFICIENT:</b>	Not Available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Available
<b>DECOMPOSITION TEMPERATURE:</b>	Not Available
<b>KINEMATIC VISCOSITY (40 °C):</b>	40.860 mm <sup>2</sup> /s

## 10. STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b>	Stable under normal temperatures and pressure.
<b>HAZARDOUS REACTIONS:</b>	Not data available
<b>CONDITIONS TO AVOID:</b>	Avoid temperatures below 5 °C and above 35°C.
<b>INCOMPATIBLE MATERIALS:</b>	Avoid strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CO <sub>2</sub>

## 11. TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	
Oral LD <sub>50</sub> (rat)	>5000 mg/kg
Dermal LD <sub>50</sub> (rabbit)	>5050 mg/kg
Inhalation LC <sub>50</sub> (rat):	> 2.01 mg/L maximum concentration tested. No mortality during the study. No clinical signs of toxicity observed during the study.
<b>SKIN CORROSION/IRRITATION:</b>	Non irritant
<b>EYE DAMAGE/IRRITATION:</b>	Mildly irritating. All positive effects cleared by 4 days.

<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	TERMINUM is considered a weak sensitizer.
<b>GERM CELL MUTAGENICITY:</b>	No mutagenic potential
<b>CARCINOGENICITY:</b>	NTP: Not listed OSHA: Not listed IARC: Not listed
<b>REPRODUCTIVE TOXICITY:</b>	No primary embryotoxic or teratogenic effects
<b>STOT SINGLE EXPOSURE:</b>	Not available
<b>STOT REPEATED EXPOSURE:</b>	Not available
<b>ASPIRATION HAZARD:</b>	No aspiration hazard

## 12. ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	Not available
<b>PERSISTENCE and DEGRADABILITY:</b>	Not available
<b>BIO-ACCUMULATIVE POTENTIAL:</b>	Not available
<b>MOBILITY IN SOIL:</b>	Not available
<b>OTHER ADVERSE EFFECTS:</b>	Not available

## 13. DISPOSAL CONSIDERATIONS

On site disposal of the product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities. Puncture the empty container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages. Offer container for recycling or puncture and dispose of at authorized landfill. Do not use container for any other purpose.

## 14. TRANSPORT INFORMATION

<b>HS CODE</b>	3506.91 Specialist adhesive
<b>UN Number:</b>	None assigned

## 15. REGULATORY INFORMATION

This data sheet complies with the requirements of the Global Harmonized System of Classification and Labelling of chemicals (GHS) and SANS 11014:2010.

## 16. OTHER INFORMATION

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how to prevent accidents in the normal workplace including in conjunction with other products.

The information was obtained from sources which we believe are reliable. However, the information is provided in good faith. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and for these reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used for this product only.

Issue Date: 4 October 2021  
Version 1.1  
END of SDS