

Safety Data Sheet : Pro Seal & Set 100 NS (Part B)

AMERICA

Issued: 2006-10-19

Revision: 6

Reference n°: 00303-00304

Date revised: May 16, 2013

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1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

SDS N°	00303-00304
Product Name	Pro Seal & Set 100 NS (Part B)
Product Description	A two-component liquid adhesive (Part B)
Manufacturer Identification	Proma Adhesives Inc. 9801 Parkway Blvd., Anjou (Quebec) H1J 1P3 Canada Telephone : 1-514-852-8585 Fax : 1-514-852-8225 Toll free : 1-866-517-7662 Email: info@proma.ca
Emergency Telephone	CANUTEC: 1-613-996-6666

2. COMPOSITION / DATA ON COMPONENTS

Substance / Preparation	Preparation	
2855-13-2	3-aminomethyl-3,5,5 trimethyl cyclohexyl amine	60-100 %
90-72-2	tris 2,4,6(dimethylaminomethyl)phenol	15-40 %
71074-89-0	bis(dimethylaminomethyl)phenol	1-5 %

3. HAZARDS IDENTIFICATION

Emergency general information	Corrosive Components of the product may damage the nervous system.
Health hazards	Harmful by contact with skin or if ingested. Causes burns. May cause sensitization by skin contact. Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

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4. FIRST AID MEASURES

Inhalation	In case of reaction, move the victim to fresh air. Contact a physician if symptoms persist.
Skin contact	Wash skin first with running water and soap for at least 30 minutes. Immediately remove contaminated clothing and wash before wearing. Destroy all contaminated leather items. Note to physician: Application of corticosteroïde cream gives good results in treating skin irritation.
Eye contact	Flush eyes with running water for at least 30 minutes, lifting upper and lower eyelids. Promptly consult a physician.
Ingestion	Do not induce vomiting. Rinse mouth and drink large quantity of water or milk. Promptly consult a physician.

5. FIRE FIGHTING MEASURES

Specific hazards	May produce ammonia gas and toxic nitrogen gases. Using water may create formation of very toxic watery solution. Do not allow penetration of contaminated water in sewage system and/or water bodies. Incomplete combustion may produce CO. Evacuate personnel. Combustion may form toxic and nauseating smoke.
Hazardous combustion products	In case of fire, carbon oxide, carbon dioxide and nitrogen oxide may be produced. Thermal decomposition products should consequently be treated as potentially dangerous and appropriate measures should be taken.
Suitable extinguishing agents	CO ₂ , foam, powder
Special extinguishing procedures	The use of protective clothing and personal breathing apparatus is highly recommended.
Explosion limit	-1.2 (V)
Auto ignition	380 °C DIN 51794

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6. LEAK / SPILL MEASURES

Personal safety precautions

Wear adequate protective equipment, gloves and eye / face protection equipment. Use a personal breathing apparatus. Evacuate personnel to safe area.

Environmental protection

Contain liquid to prevent soil contamination and surface / underground waters. Washing and rinsing water should be collected, not dumped in soil, sewage system or water bodies and underground waters. Mix Part A and B before disposing.

Cleaning measures

Cover and sponge with adequate absorbent material such as sand. Eliminate all heat sources and fire sparks. Collect in appropriate labeled containers. Dispose according to regulations. Use appropriate chemical waste container.

7. HANDLING AND STORAGE

Precaution measures

Avoid contact with eyes and skin as well as inhaling product vapors. Close containers tightly after each use. Plan emergency showers for washing in easy access areas.

Recommended storage conditions

Store in area far from sunrays and away from heat source and fire sparks. Store at 25° C-30° C in tightly-sealed containers. Storage at too high temperature will accelerate product degradation. Avoid freezing. Separate acids and substances forming acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation required

Use in well-ventilated area. In case of respiratory irritation, use adequate respiratory apparatus.

Hand protection

Always wear impervious nitrile or butyl rubber gloves (avoid PVC).

Eye protection

Wear chemical resistant safety goggles.

Other equipment

Use an apron and waterproof boots according to working conditions. Wear respiratory apparatus if ventilation is inadequate.

Hygienic measures

Wash hands during breaks and before meals, smoking or using washrooms.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Yellow liquid
Odor	Amine
pH	11.6
Solubility in water	Miscible
Density	0.95g / ml
Vapor pressure	0.02 mg Hg @ 21° C
Boiling point	> 260 °C

10. STABILITY AND REACTIVITY

Stability	Stable in normal storage conditions.
Hazardous polymerization	Improbable
Conditions to be avoided	Excessive heating (> 260 °C). No smoking.
Incompatible substances	Avoid contact with metals such as: Copper, Zinc, Tin alloys. Oxidizing and reducing agents (strong acids and strong bases).

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure

- **Estimated acute toxicity of product** **DL₅₀ (oral) : >1.03g / kg (rat)**
- **Ingestion** Causes burns in mouth, throat and stomach. Induces severe abdominal pains, nausea and vomiting.
- **Inhalation** Inhaling vapors may cause mucus irritation, dizziness, nausea and headaches.
- **Skin contact** May cause severe skin irritations and burns. Phenol is toxic if absorbed by skin.
- **Eye contact** May induce severe irritation with cornea lesion possibly leading to a permanent alteration of the vision, even to blindness. Chemical burns may occur.

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Effects of chronic exposure

- Prolonged or frequent skin exposure may cause allergic reaction and eruption or dermatitis. May cause respiratory and nervous problems.

12. ECOLOGICAL INFORMATION

General notes Toxic to aquatic organisms. Hardly biodegradable.

13. DISPOSABLE CONSIDERATIONS

Disposal Eliminate waste in accordance with local regulations. Do not dump in sewage system, soil or water bodies.

Waste or residues Dispose in accordance with local and national regulations.

Uncleaned packagings Empty containers must be disposed of as dangerous waste in accordance with local and national regulations. Remove danger labels from container's surfaces.

14. TRANSPORT INFORMATION

Official transport designation AMINE CORROSIVE LIQUID, N.S.A. (tri(dimethylaminomethyl) phenol)

UN Number 1760

LAND TRANSPORTATION

- **Class/Div.** 8
- **Packaging group** II
- **Labeling** 8

AIR TRANSPORTATION (ICAO/IATA)

- **Class/Div.** 8
- **Packaging group** II

MARITIME TRANSPORTATION (IMDG)

- **Class/Div.** 8
- **Packaging group** II
- **MSE** ---
- **Labelling** 8

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15. REGULATORY INFORMATION

Hazard symbols

Corrosive
Dangerous for environment.

Simdut classification

E : Corrosive products
D2B : Products with other toxic effects – Toxic products

Risk phrases

Toxic when in contact with skin or ingested.
Causes burns.
May cause sensitization by skin contact.
Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Safety phrases

In case of contact with eyes, wash immediately and abundantly with water and consult a physician.
Wear appropriate protection clothing, gloves and eye / face protection apparatus.
In case of accident or discomfort, promptly consult a physician (if possible, show him the label).
Avoid dumping in environment. Consult special instructions / Safety Data Sheet

16. ADDITIONAL INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. User attention must be drawn on eventual risks when product is used for other purposes than designed. User must be informed and becomes solely responsible for the activity regulations attached to the use of the product.

PROMA ADHESIVES INC. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

N/D : Non determined

N/A : Non applicable