

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

AMERICA

Issued: 2006-10-19

Revision: 8

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 A)
Product Description	A two-component, trowel-applicable, high-bond adhesive, without solvent, part resin (A).
Manufacturer Identification	Proma Adhesives Inc. 9801 Parkway Blvd. (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

Hazardous Components

COMPONENTS:	CAS-N°	WEIGHT %
Calcium Carbonate	1317-65-03	40 – 60
Branched, Nonyl Phenol	84852-15-3	1 – 5
Oleic acid, pure	112-80-1	0.5 – 1.5
COMPONENTS:	OSHA PEL	
Calcium Carbonate	TWA: 15 mg/m ³ (vacated) TWA: 15 mg/m ³	
4-Nonylphenol, branched:	580 mg/kg (rat) 2031 mg/kg (lapin)	

3. HAZARDS IDENTIFICATION

Health hazards	Skin and eye irritant. May cause sensitization by skin contact.
OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

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Chronic Toxicity

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

4. FIRST AID MEASURES

Inhalation

In case of reaction, move the victim to fresh air. Contact a physician if symptoms persist.

Skin contact

Remove contaminated clothing and wash before wearing or using. Wash skin first with running water for 15 minutes then remove residues with soap and water. Consult physician.

Eye contact

Flush eyes with running water for a few minutes, lifting upper and lower eyelids. Consult physician.

Ingestion

Do not induce vomiting. Consult a physician.

5. FIRE FIGHTING MEASURES

Hazardous combustion products

Non flammable

Suitable extinguishing agents

CO₂, foam, powder

Special extinguishing procedures

The use of protective clothing and breathing apparatus is highly recommended.

NFPA

Health Hazard 1

Flammability 0

Stability 0

Physical and Chemical Hazards N/A

6. LEAK / SPILL MEASURES

Personal safety precautions

Wear adequate protective equipment. See section 8.

Environmental protection

Contain to prevent soil contamination and surface and underground waters. Collect washing and rinsing water; do not dispose in soil, sewage system or water bodies and underground waters.

Cleaning measures

Cover and sponge with adequate absorbent materiel such as sand. Collect in appropriate labeled containers. Dispose according to regulations. Clean resin residues with steam or soapy warm water. Though we do not recommend it, the use of solvent may be considered if appropriate measures are taken. Use appropriate chemical waste container.

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7. HANDLING AND STORAGE

Precaution measures Avoid contact with eyes and skin as well as inhaling product vapors. Close containers tightly after each use.

Recommended storage conditions Store at room temperature in area far from sunrays. Storage at too high temperature will accelerate product degradation. Store at 23°C in tightly-sealed containers.

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.

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

COMPONENTS	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate		TWA: 15 mg/m ³	TWA: 10 mg/m ³
		(vacated) TWA: 15 mg/m ³	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state White paste

Odor Resin (mild odor)

pH Approximately neutral

Solubility in water Not soluble

Density 1.45g / ml

Vapor pressure N/A

Vapor density (air = 1) N/A

Evaporation rate N/A

Boiling point N/A

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Freezing point	N/A
Flash point	N/A
Viscosity	CPS 500,000-750,000
Specific Gravity	N/D
HAPS data	N/D
Autoignition Temperature	N/A
Voc Content	N/D

10. STABILITY AND REACTIVITY

Stability	Stable in normal storage conditions.
Hazardous polymerization	Improbable
Conditions to be avoided	Uncontrolled when mixed with hardener. Storage in sun. Do not freeze.
Incompatible substances	Strong acids and oxidants
Hazardous Decomposition Products	Carbon oxides

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure

- **Estimated acute toxicity of product**
DL₅₀ (oral): >1.14g / kg
Oleic acid, pure: 25 g/kg (rat)
4-Nonylphenol, branched: 580 mg/kg (rat)
2031 mg/kg (lapin)
- **Ingestion** Due to its low oral toxicity, accidental ingestion of small quantities should have but minor effects.
- **Inhalation** May cause nose, throat and lung irritation. Inhaling vapors and/or high concentration aerosols may cause respiratory irritation.
- **Skin contact** Repeated contact may cause skin irritation and local redness.
- **Eye contact** May cause light temporary eye irritation. Cornea lesion is unlikely to happen.

Effects of chronic exposure

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- Prolonged or frequent skin exposure may cause allergic reaction and eruption or dermatitis.

Carcinogenicity Contains no ingredient listed as a carcinogen.

12. ECOLOGICAL INFORMATION

General notes Toxic to aquatic organisms.
This product is not considered as easily biodegradable. Must be mixed with part B before disposing.

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Components	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Oleic acid, pure		LC50 = 205 mg/L Pimephales promelas 96 h		
4-Nonylphenol, branched	EC50 = 1.3 mg/L 72 h	LC50 = 0.135 mg/L Pimephales promelas 96 h		EC50 = 0.140 mg/L 48 h

13. DISPOSABLE CONSIDERATIONS

Disposal Do not allow product to reach ground water, water bodies or sewage system. Dispose in accordance with local regulations. Must be mixed with part B before disposing.

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.

14. TRANSPORT INFORMATION

Official transport designation Non regulated

LAND TRANSPORTATION (DOT)

- **Class/Div.** Non regulated

AIR TRANSPORTATION (ICAO/IATA/MEX)

- **Class/Div.** Non regulated

MARITIME TRANSPORTATION (IMDG/IMO)

- **Class/Div.** Non regulated

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15. REGULATORY INFORMATION

Hazard symbols

D2B - Toxic product causing other effects.



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