

PRODUCT NAME :
PRO SEAL & SET 2100 (Part A)

1. PRODUCT IDENTIFICATION

Product information :
**Two component, trowel applicable,
high bond strength adhesive.**

Manufacturer :
PROMA Adhesives Inc. **URGENCE - CANUTEC**
9801, Parkway **(24 hours) 613-996-6666**
Anjou (Quebec) H1J 1P3
Telephone : 514-852-8585

3. PHYSICAL PROPERTIES

Physical state : White paste
Odor : Resin odor
pH (in water) : N/A
Melting point : N/A
Boiling point : N/A
Vapor pressure (mm Hg) : N/A
Density (water = 1) : 1,25 - 1,75 g/ml
Vapor density (air = 1) : N/A
Evaporation rate : N/A
Water solubility : Insoluble

2. COMPOSITION

CAS no.	Ingredients	%	EXPOSURE LIMITS			
			OSHA PEL TWA	ACGIH TLV TWA	SKIN LD ₅₀	ORAL LD ₅₀
025085-99-8	Epoxy resin	5 - 10 %	N/A	N/A	20 000	>5 000
84852-15-3	Branched p-Nonylphenol	0,5 - 1,5%	N/A	N/A	2 031	580

4. FIRE AND EXPLOSION DATA

Flammability : Non-flammable
Flash point : N/A
Extinguishing media : CO₂, foam, powder
Special procedures to fight against fire : None. A self-contained breathing apparatus should be used by the fire-fighters.
Risk of explosion : May cause explosive mixes if a large quantity of oxygen is present in the atmosphere.
Sensitivity to static discharge : N/A
Combustion products N/A

5. REACTIVITY DATA

Stability : Stable
Hazardous polymerization : None
Incompatibility with other substances : Yes
If yes, which ones ? Acids, Oxidants, Amines and Bases
Hazardous products of decomposition :
May produce CO, CO₂, NO_x and other small organic compounds.

6. TOXICOLOGICAL PROPERTIES

Route of entry : Inhalation, ingestion, eye and skin contact

Effects of acute exposure :

Inhalation : Vapors may cause mucous irritation, dizziness, nausea and headaches.

Ingestion : Toxic

Skin contact : May cause skin irritation.

Eye contact : May cause eye irritation.

Effects of chronic exposure : May cause dermatitis and may cause problems of respiratory and nervous system.

7. PREVENTIVES MEASURES

Ventilation : Use in well-ventilated area.

Skin protection : Wear nitrile rubber or PVC gloves, shoes and protective clothing to avoid skin contact.

Respiratory protection : Wear an organic vapor cartridge or air mask.

Eye protection : Wear safety glasses.

Leak / spill : Wear necessary protective equipment. Eliminate any source of ignition. Use absorbent substances to recuperate. Place in closed containers for disposal.

Waste disposal : Do not dump in sewer or water pipes. Dispose in accordance with local regulations.

Storage : Store in area away from sun, heat sources, flames or sparks. Store in airtight containers and avoid water contamination.

8. FIRST AID MEASURES

In case of ingestion : Do not induce vomiting. Consult a physician.

In case of inhalation : Move de victim to fresh air. Contact a physician if necessary.

In case of skin contact : Wash skin with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.

In case of eye contact : Flush eyes with plenty of water, lifting upper and lower eyelids. to remove all material. Consult a physician if irritation persists.

PRODUCT NAME :
PRO SEAL & SET 2100 (Part B)

1. PRODUCT IDENTIFICATION

Product information :
Two component, trowel applicable,
high bond strength adhesive.

Manufacturer:

PROMA Adhesives Inc.
8500 Ernest-Cormier, Anjou
Quebec, Canada H1J 1B4
Telephone: 514-852-8585

URGENCE - CANUTEC
(24 hours) 613-996-6666

3. PHYSICAL PROPERTIES

Physical state	Yellow liquid
Odor	Amines
PH (in water)	11 - 12
Melting point	N/A
Boiling point	> 100°C
Vapor pressure (mm Hg)	0,02 mg Hg@21°C
Density (water =1)	0,95g/ml
Vapor density (air = 1)	N/A
Evaporation rate	N/A
Water solubility	Soluble

2. COMPOSITION

Cas no.	Ingredients	%	EXPOSURE LIMITS			
			OSHA PEL TWA	ACGIH TLV TWA	SKIN LD ₅₀	ORAL LD ₅₀
2855-13-2	Isophorone diamine	70-80	N/A	N/A	1030	ND
90-72-2	Dimethylaminomethyl phenol	20-30	N/A	N/A	1000	1280

4. FIRE AND EXPLOSION DATA

Flammability: Non-flammable

Flash point: 117°C DIN 51758

Extinguishing media: CO₂, foam, powder

Special procedures to fight against fire: None. A self-contained breathing apparatus should be used by the fire-fighters.

Risk of explosion: May cause explosive mixes if a large quantity of oxygen is present in the atmosphere

Sensitivity to static discharge: N/A

Combustion products Releases carbon oxide, carbon dioxide and nitrogen oxide. Potentially dangerous.

5. REACTIVITY DATA

Stability: Stable

Hazardous polymerization: None

Incompatibility with other substances: Yes

If yes, which ones? Strong oxidizing agent, strong acid

Hazardous products of decomposition: Unknown

6. TOXICOLOGICAL PROPERTIES

Route of entry:	Inhalation, ingestion, eye and skin contact
<u>Effects of acute exposure:</u>	
Inhalation:	Vapors may cause mucous irritation, dizziness, nausea and headaches.
Ingestion:	Toxic
Skin contact:	May cause irritation.
Eye contact:	May cause irritation and irreversible eye burns.
<u>Effects of chronic exposure:</u>	May cause dermatitis and problems to respiratory and nervous system.

7. PREVENTIVES MEASURES

Ventilation:	Use in well-ventilated area.
Skin protection:	Wear rubber gloves, shoes and protective clothing to avoid skin contact.
Respiratory protection:	Wear an organic vapor cartridge or air mask.
Eye protection:	Wear safety glasses.
Leak/spill:	Wear necessary protective equipment. Eliminate all sources of ignition. Use absorbent substances to recuperate. Place in closed containers for disposal.
Waste disposal:	Do not dump in sewer or water pipes. Dispose in accordance with local regulations.
Storage:	Store in area far away from sun, heat sources, flames or sparkles. Store in airtight containers.

8. FIRST AID MEASURES

In case of ingestion:	Do not induce vomiting. Consult a physician.
In case of inhalation:	Move the victim to fresh air. Contact a physician if necessary.
In case of skin contact:	Wash skin with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.
In case of eye contact:	Flush eyes with plenty of water, lifting upper and lower eyelids. Consult a physician if irritation persists.
Transportation:	Corrosive ONU 1760 PG II