



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: SUSPENSION DIAMANTEE PM.
Product code: 08001 A 08009.

Company/undertaking identification:

Registered company name: PRESI S.A.
Address: 1665 Route Napoléon - Tavernolles.38320.BRIE ET ANGONNES.France.
Telephone: +33 (0)4.76.72.00.21. Fax:+33 (0)4.76.72.05.84. Telex:.
presi@presi.com
www.presi.com

Emergency telephone: +33 (0)1.45.42.59.59.

Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.

Use of the substance/preparation:

Diamonds suspension for polishing or grinding

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
This preparation is not classed as hazardous to health by directive 1999/45/EC.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)
This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
603-001-00-X	67-56-1	200-659-6	METHANOL	T F	11 23/24/25 39/23/24/25	0 <= x % < 1
603-014-00-0	111-76-2	203-905-0	2-BUTOXYETHANOL	Xn	20/21/22 36/38	2.5 <= x % < 10

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
25322_69_4	25322-69-4	500-039-4	POLYPROPYLENEGLYCOL			1 <= x % < 2.5
603-002-00-5	64-17-5	200-578-6	ETHANOL	F	11	10 <= x % < 25

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.



In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
DO NOT use solvents or thinners.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.
Do not induce vomiting without medical advice

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water, foam, sand, powder or CO₂, according to the surrounding materials

Special protective equipment for fire-fighters:

A release of toxic smokes is possible. Use a respiratory system

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.
Cleaning with water

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well-ventilated areas.

Storage:

To be translated (XML)
Keep the container tightly closed in a cool, well ventilated place
Keep the container away from dampness
Do not smoke

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION



Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Personnel shall wear regularly laundered overalls.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus



Exposure limit values per INRS ED 984:

ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
111-76-2	(25)	(121)	-	-	*	-
64-17-5	1000	1880	-	-	A4	-
67-56-1	200	262	250	328	*	S

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
111-76-2	20	98	50	246	Peau
67-56-1	260	200	-	-	Peau

Exposure limit values (2003-2006):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	25 ppm	50 ppm	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	250 ppm	-	-	-
USA/OSHA PEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	50 ppm	-	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	-	-	-	-
USA/NIOSH IDLH	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	-	-	700 ppm	-	-
64-17-5	-	-	3300	-	-
67-56-1	-	-	6000 ppm	-	-
USA/NIOSH REL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	5 ppm	-	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	250 ppm	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	25 ppm	50 ppm	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	250 ppm	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
111-76-2	20 ppm	-	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	250 ppm	-	-	-
USA/AIHA WEEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
25322-69-4	10 mg/m3	-	-	-	-

Respiratory protection:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Hand protection:

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Type of gloves recommended :

- Butyl rubber
- 4H (vinylidene fluoride - hexafluoropropylene co-polymer)

Eye and face protection:

Use eye protectors designed to protect against liquid splashes



Skin protection:

To envisage normal working clothes

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Odour: Slight

Important health, safety and environmental information:

pH of the substance or preparation: neutral.

When a pH measure is possible, it has a value of: not stated.

Boiling point/boiling range: not relevant.

Flash point interval: Flash point > 60°C

Vapour pressure: not relevant.

Density: > 1

Water solubility: Soluble.

Other information:

melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Conditions to avoid:

High temperatures, flames

Materials to avoid:

Incompatible with oxidising agents

Strong acids (exothermy)

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

2-butoxyethanol and its acetate are absorbed directly through the skin and have harmful effects on the blood.

In the event of exposure by inhalation:

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons

In the event of splashes or contact with eyes:

Irritating to eyes

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.



13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Respect the local and national regulations

Soiled packaging:

Respect the local and national regulations

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R 36/38	Irritating to eyes and skin.
R 39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.