



SAFETY DATA SHEET (EC REGULATION No 1907/2006)
Version: N°1 (23/12/2008)
Name: COLLE POUR DISQUE POLYURETHANE - 19010

Date: 23/12/2008 Page 1/7
Revision: N°1 (23/12/2008)
Company: PRESI S.A

SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: COLLE POUR DISQUE POLYURETHANE.
Product code: 19010.

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:

Fixing of the samples

2 - HAZARDS IDENTIFICATION

This product is classed: Extremely flammable.
Possibility of irritation to the skin.
Vapors may cause drowsiness and dizziness.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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:

INDEX	CAS	EC	Name	Symb.	R:	%
601-006-00-1	109-66-0	203-692-4	PENTANE	Xn N F+	12 65 66 67 51/53	2.5 <= x % < 10
601-006-00-1	78-78-4	201-142-8	2-METHYLBUTANE	Xn N F+	12 65 66 67 51/53	1 <= x % < 2.5
601-017-00-1	110-82-7	203-806-2	CYCLOHEXANE	Xn N F	11 38 65 67 50/53	2.5 <= x % < 10
601-037-00-0	110-54-3	203-777-6	N-HEXANE	Xn N F	11 38 48/20 62.F3 65 67 51/53	0 <= x % < 1
649_328_00_1	64742-49-0	265-151-9	NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	Xn N	11 38 51/53 65 67	2.5 <= x % < 10
649_383_00_1	92045-53-9	295-434-2	NAPHTHA, HYDRODESULFURIZED LIGHT, DEAROMATIZED	Xn N	65 11 38 51/53 67	10 <= x % < 25

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
601-003-00-5	74-98-6	200-827-9	PROPANE	F+	12	10 <= x % < 25
601-004-00-0	106-97-8	203-448-7	BUTANE	F+	12	2.5 <= x % < 10
601-004-00-0	75-28-5	200-857-2	AND ISOBUTANE	F+	12	2.5 <= x % < 10
603-019-00-8	115-10-6	204-065-8	DIMETHYL ETHER	F+	12	2.5 <= x % < 10



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.
If symptoms persist, call a physician

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.
Consult a physician if necessary

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.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

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.
Keep still. DO NOT induce vomiting.
Call a doctor immediately and show him the label.

5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Suitable extinguishing media:

Carbon dioxide, chemical powders, foams, and other extinguishing gases.
In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing media which must not be used for safety reasons:

Keep packages near the fire cool, to prevent pressurised containers from bursting.
Prevent the effluent of fire-fighting measures from entering drains or waterways.
Do not use compressed air during filling, emptying or handling.

Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhaling the vapors.
Avoid any contact with the skin and eyes.
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.
Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

7 - HANDLING AND STORAGE

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

Handling:

Handle in well-ventilated areas.



The vapors are denser than air. They can spread along the ground and form explosive mixtures with air
Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid inhaling vapors.

Avoid contact of product with the skin and eyes

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Do not pierce or burn, even after use.

Storage:

Keep the container tightly closed in a dry, well-ventilated place

Keep away from all sources of ignition - do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep out of reach of children

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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.

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:
110-54-3	50	176	-	-	*	-
110-82-7	(300)	(1030)	-	-	-	-
109-66-0	600	1770	-	-	-	-
106-97-8	800	1900	-	-	-	-
74-98-6	2500	4509	-	-	-	-

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:
115-10-6	1000	1920	-	-	-
110-54-3	72	20	-	-	-
110-82-7	700	200	-	-	-
78-78-4	3000	1000	-	-	-
109-66-0	3000	1000	-	-	-



Exposure limit values (2003-2006):

USA/AIHA WEEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-10-6	1000 ppm	-	-	-	-
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-10-6	400 ppm	500 ppm	-	-	-
110-54-3	20 ppm	-	-	-	-
110-82-7	100 ppm	300 ppm	-	-	-
106-97-8	600 ppm	750 ppm	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
115-10-6	400 ppm	500 ppm	-	-	-
110-54-3	20 ppm	-	-	-	-
110-82-7	100 ppm	300 ppm	-	-	-
106-97-8	600 ppm	750 ppm	-	-	-
USA/OSHA PEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
110-54-3	500 ppm	-	-	-	-
110-82-7	300 ppm	-	-	-	-
78-78-4	1000 ppm	-	-	-	-
109-66-0	1000 ppm	-	-	-	-
74-98-6	1000 ppm	-	-	-	-
USA/NIOSH IDLH	TWA:	STEL:	Ceiling:	Definition:	Criterion:
110-54-3	-	-	1100 ppm	-	-
110-82-7	-	-	1300 ppm	-	-
109-66-0	-	-	1500 ppm	-	-
74-98-6	-	-	2100 ppm	-	-
USA/NIOSH REL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
110-54-3	50 ppm	-	-	-	-
110-82-7	300 ppm	-	-	-	-
78-78-4	120 ppm	-	610 ppm	C-15 min ppm	-
109-66-0	120 ppm	-	610 ppm	C-15 min ppm	-
75-28-5	800 ppm	-	-	-	-
106-97-8	800 ppm	-	-	-	-
74-98-6	1000 ppm	-	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
110-54-3	50 ppm	-	-	-	-
110-82-7	100 ppm	-	-	-	-
78-78-4	600 ppm	-	-	-	-
109-66-0	600 ppm	-	-	-	-
75-28-5	1000 ppm	-	-	-	-
106-97-8	1000 ppm	-	-	-	-
74-98-6	1000 ppm	-	-	-	-

Respiratory protection:

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

Anti-gas filters :

- A1,A2,A3 (brown)

Hand protection:

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

Type of gloves recommended :

- Nitrile
- 4H (vinylidene fluoride - hexafluoropropylene co-polymer)



Eye and face protection:

Avoid contact with the skin and eyes. Wear safety goggles
Provide eye washes in workshops where the product is constantly handled

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid
spray

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.
The pH is impossible to measure or its value is not relevant.
Boiling point/boiling range: not specified.
Flash point interval: Flash point < 0°C and distillation temperature <= 35°C
Vapour pressure: not relevant.
Density: < 1
Density: 0.7
Water solubility: Insoluble. nulle

Other information:

melting point/melting range: not specified.
Self-ignition temperature: not specified.
Decomposition point/decomposition range : not specified.
% VOC: environ 75%

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

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Conditions to avoid:

Do not heat the open flame, fumes or expose to flame or any source of ignition

Materials to avoid:

Strong acids (exothermy)

Hazardous decomposition products:

Incomplete combustion produces toxic gases, such as CO, CO₂, various forms of hydrocarbons, aldehydes, etc..., and soots

11 - TOXICOLOGICAL INFORMATION

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.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

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.

Splashes in the eyes may cause irritation and reversible damage

It is generally agreed that substances contained are likely to cause significant irritation which lasts for at least twenty four hours after application to the healthy, unbroken skin of an animal for a period of up to 4 hours.

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 swallowing:

The suction in the lungs when eating or vomiting can cause bronchial pneumonia or pulmonary edema

In the event of splashes or contact with skin:

Irritating to skin

In the event of splashes or contact with eyes:

Irritating to eyes

12 - ECOLOGICAL INFORMATION

The product must not be allowed to run into drains or waterways.

Ecotoxicity:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Respect the local and national regulations

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Respect the local and national regulations

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

16 05 04 * gases in pressure containers (including halons) containing dangerous substances

15 01 04 metallic packaging

14 - TRANSPORT INFORMATION

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).

UN1950=AEROSOLS, flammable

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	2	5F	-	2.1	-	LQ2	190 327 625



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	2.1	SP63	-	SP277	F-D,S-U	63 190 277 327 959

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	2.1	-	-	203	75 Kg	203	150 Kg	A145 A153

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.

Preparation classification:



Irritant.



Dangerous for the environment.



Extremely flammable.

Contains:

203-692-4	PENTANE
201-142-8	2-METHYLBUTANE
203-806-2	CYCLOHEXANE
203-777-6	N-HEXANE
265-151-9	NAPHTHA (PETROLEUM), HYDROTREATED LIGHT
295-434-2	NAPHTHA, HYDRODESULFURIZED LIGHT, DEAROMATIZED

Particular hazards associated with the preparation and safety recommendations:

R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 38	Irritating to skin.
R 12	Extremely flammable.
R 67	Vapours may cause drowsiness and dizziness.
S 16	Keep away from sources of ignition - No smoking.
S 23	Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.
S 37	Wear suitable gloves.
S 60	This material and its container must be disposed of as hazardous waste.
S 57	Use appropriate container to avoid environmental contamination.

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 12	Extremely flammable.
R 38	Irritating to skin.
R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 62.F3	Possible risk of impaired fertility.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness and dizziness.