



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: C-MIX PLUS RESINE/RESIN/HARZ/RESINA.

Product code: PER 01.1.

Company/undertaking identification:

Registered company name: SPIT.

Address: 150, route de Lyon.26500.BOURG LES VALENCE.France.

Telephone: 0 810 102 102. Fax:0 810 432 432. Telex:-.

http://www.spit.fr

Emergency telephone: +33 (0)1 45 42 59 59.

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

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: 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:	%
	25013-15-4	246-562-2	VINYLTOLUENE	Xn	10 36/37/38 20	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:

No known substance in this category present.

May produce an allergic reaction:

INDEX	CAS	EC	Name	Symb.	R:	%
604-005-00-4	123-31-9	204-617-8	HYDROQUINONE	Xn N	68 40.C3 41 43 50 22	0 <= x % < 2.5

3 - IDENTIFICATION OF HAZARDS

This product is classed: Flammable.

Possibility of irritation to the eyes, by inhalation and skin.

May produce an allergic reaction.

Preparation classification:


Irritant.

Flammable.

R 36/37/38	Irritating to eyes, respiratory system and skin.
R 10	Flammable.

4 - FIRST AID MEASURES

PER01.1 - C-MIX PLUS RESINE/RESIN/HARZ/RESINA

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:

In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes.

In the event of inhalation, move the patient into the fresh air and keep him/her warm and still.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.

If the person is unconscious, place in the recovery position and call an ambulance.

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.

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:

Water is not generally recommended since it can be ineffective; however, it can be used successfully to cool containers exposed to the fire and to disperse fumes.

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Special protective equipment for fire-fighters:

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

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES**Personal precautions:**

On account of the organic solvents contained in the preparation, eliminate sources of ignition and ventilate the premises.

Avoid inhaling the vapors.

Avoid any contact with the skin and eyes.

Consult the safety measures listed under headings 7 and 8.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

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

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

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.

Fire prevention:

Prevent the accumulation of electrostatic charges with connections to earth

The preparation may become electrostatically charged; always place on the ground during transfer. Wear antistatic shoes and clothes and make floors of conductive materials.

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

Packages which have been opened must be reclosed carefully and stored in an upright position

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

In all cases, recover emissions at source

Provide vapor extraction at the emission source and also general ventilation of the premises

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions

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

Storage:

Keep the container tightly closed in a dry place.

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

Keep well away from all sources of ignition, heat and direct sunlight

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:

In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes.

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 particles and dust below the exposure limits, wear breathing apparatus.

Check the atmosphere periodically.

Avoid inhaling dust.

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

Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
25013-15-4	50	240	-	-	-	-
123-31-9	-	2	-	-	-	65

Exposure limit values (2003):

UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
25013-15-4	100 ppm	150 ppm	-	-	-
123-31-9	2 mg/m3	4 mg/m3	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
25013-15-4	50 ppm	100 ppm	-	-	-
123-31-9	2 mg/m3	-	-	-	-
Germany/MAK	TWA:	STEL:	Ceiling:	Definition:	Criterion:
25013-15-4	100 ppm	200 ppm	-	-	-

Respiratory protection:

With this preparation, avoid in particular any inhalation of vapors.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Due to the solvents present, it is recommended that polyvinyl alcohol or nitrile rubber gloves be worn.

Eye and face protection:

Avoid contact with 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:	viscous liquid
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Important health, safety and environmental information:

pH of the substance or preparation:	not relevant.
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The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:	not specified.
Flash point interval:	23°C. < Flash point: <= 55°C.
vapour pressure:	Below 110 kPa (1.10 bar).
Density:	> 1
water solubility:	Insoluble.

Other information:

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.

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

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.

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 the appearance of major lesions which persist for at least twenty-four hours after application to the eye of an animal

and 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.

It is generally agreed that substances contained are likely to cause serious irritation of the respiratory system and, when applied to the eye of an animal, the appearance of major lesions which persist for at least twenty-four hours.

In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

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

Other adverse effects:

Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

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.

Soiled packaging:

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

Give to a certified disposal contractor.

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 2005 - IMDG 2004 - ICAO/IATA 2005).

UN3269=POLYESTER RESIN KIT

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	3	F1	III	3	-	LQ7	236



*Not subject to this regulation if Q < 450L.

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	3	-	III	5 L	F-E,S-D	236 944

*Not subject to this regulation if Q < 30l

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	3	-	III	312	5 kg	312	5 kg	A66
	3	-	III	Y312	1 kg	-	-	-

15 - STATUTORY INFORMATION

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

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:

Irritant.

Flammable.

Contains:

Contains 604-005-00-4	HYDROQUINONE. May produce an allergic reaction.
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Particular hazards associated with the preparation and safety recommendations:

R 36/37/38	Irritating to eyes, respiratory system and skin.
R 10	Flammable.
S 2	Keep out of reach of children.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37	Wear suitable gloves.
S 51	Use only in well ventilated areas.

Particular provisions:

Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

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 2:

R 10	Flammable.
R 20	Harmful by inhalation.
R 22	Harmful if swallowed.
R 36/37/38	Irritating to eyes, respiratory system and skin.

PER01.1 - C-MIX PLUS RESINE/RESIN/HARZ/RESINA

R 40.C3	Limited evidence of a carcinogenic effect.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50	Very toxic to aquatic organisms.
R 68	Possible risks of irreversible effects.