

MATERIAL SAFETY DATA SHEET

In accordance with the modified EC Directive 91/155/CEE.

Created on: 2005/04/21
Version: 1.0

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Product name: **PARATHANE CORINDON FINE**

1. Identification of the substance / preparation and of the company / undertaking

Product name: **PARATHANE CORINDON FINE**

Distributor: SIPLAST / ICOPAL
12, rue de la Renaissance
92184 – ANTONY Cedex France
Tél. : (33).1.40.96.35.00 Fax: (33).1.46.66.24.85

French Emergency contact: INRS tel: 01 45 42 59 59
Institut National de Recherche sur la Sécurité.

Uses: Anti-skid additive for finishing polyurethane resins.

2. Composition / Information on ingredients

Chemical nature:
Mineral compound.

Name: alpha aluminium oxide (alumina):
CAS N°: 1344-28-1 EC Index: EINECS N°: 215-691-6
Content: 100 %

3. Hazards identification

This preparation is not regulated according to 67/548/EEC and 1999/45/EC European Directives, their adaptations and annexes.

Main hazards: In case of eye contact, risk of irritation by mechanical effect. Irritating effect in case of large inhalation of dusts.

4. First aid measures

If the event of inhalation: Bring the victim into the fresh air; keep him (her) warm and calm. If respiratory symptoms appear, seek medical advice.

Skin contact : Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if an irritation persists.

Eye contact: Rinse thoroughly with plenty of water during at least 10 minutes keeping the eyes wide open. Seek eye specialist's advice if an irritation persists.

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In the event of ingestion: Rinse the mouth with water. Make drink a lot of water. Seek medical advice if you unwell.

Advices for the doctor: /

5. Fire-fighting measures

Appropriate extinction methods: All means of extinction depending on the immediate material environment of the product.

Disadviced: None.

Particular risks in the event of fire: Not combustible.

Special maintenance equipment: No specific equipment.

Attached information: Prevent fire-fighting water from entering waste water or groundwater.

6. Accidental release measures

After spillage / leakage: Avoid dusts inhalation and contact with eyes.
Personal protection: See chapter 8.

Cleaning up / absorption: Recover the product by sweeping it up and then place it in a tightly closed container.
Disposal (see chapter 13).
Clean up residues and affected area with plenty of water.

Environmental protection: Do not throw away the product in the environment.

7. Handling and storage

Handling: No particular requirements.

Storage: Store in original containers tightly closed at room temperature.

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8. Exposure controls/personal protection

Specific control parameters:	No value defined for this substance. Breathable inert powders.	VME (France): 10 mg/m ³
Technical measures:	No specific measures.	
Individual protection equipment:	Respiratory protection:	Use a particle mask if there is a high concentration of dust.
	Hands protection:	possibly gloves.
	Eyes protection:	Safety glasses.
Work hygiene:	Change contaminated clothing. Wash hands and face after work.	

9. Physical and chemical properties

Form:	solid in powder	
Colour:	white	
Odour:	odourless	
pH value:	not applicable	
Stage changes:	Melting point:	> 2000°C
	Boiling point:	not applicable
Flash point:	not applicable	
Explosive limits:	Lower:	not applicable
	Upper:	not applicable
Density (kg/dm ³):	4 at 20°C	
Water solubility:	insoluble	
Log P(o/w):	not applicable	

10. Stability and reactivity

Stability:	The product is stable in case of normal uses.
Conditions to avoid:	No special condition to be avoided in case of right using and good handling.
Incompatible materials:	None on the present state of our knowledge.
Hazardous decomposition products:	None on the present state of our knowledge.
Other information:	

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11. Toxicological information

Acute toxicity:	Given its physical presentation, no acute toxicity is foreseen for this product.
Long term toxicity:	The product main components are not mentioned on the IARC carcinogen, mutagen and toxic product lists.
Toxicological informations:	In case of dust inhalation: possible irritation of the respiratory tract. In the event of contact with skin: no irritation In the event of contact with eyes: possible irritation by mechanical effect because of dusts. In the event of ingestion: No irritation of the digestive system; possible stomach pains.
Other information:	

12. Ecological information

Data on substance

Biodegradability and bio-accumulation:

The substance is not biodegradable; it is not bio-accumulative.

Ecotoxicologic effects:

The substance has no harmful effects on the aquatic environment.

Mobility on the Environment:

Given its characteristics, this substance remains in the soil.
Substances homologous to this substance exist in the natural state.

Other information about ecology:

No ecological problems are to be expected when the product is handle and use with due care and attention.

Prevent spillage of big quantities of the product in the environment.

13. Disposal considerations

Product disposal:

Chemical products and residues generally count as special waste.
Residues should be removed and deposited into an approved waste disposal facility.

Destroying empty containers:

Recycling after incineration or salvage by incineration in approved installation.

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14. Transport information

Shipping regulations:	ADR/RID/ADNR	IMDG/OMI	IATA/ICAO
NOT SUBJECT TO TRANSPORT REGULATIONS			

15. Regulatory information

Labelling in accordance with EC directives and adapted versions of them:

The substance is not concerned by European laws; it is labelled according to 67/548/EC Directives and their adaptations and annexes.

Symbol(s): None

R-Phrase(s): None.

S-Phrase(s): None.

This substance is mentioned in the European EINECS inventory of substances.

EC number: 215-691-6

Other regulations:

16. Other information

Origin: This data sheet was realised on the basis of information supplied by the manufacturer.

This sheet rounds off the technical instructions but does not replace them. The information given above is based on the present state of our knowledge and experience relating to the product involved at the time of updating. It is provided in good faith.

The attention of users moreover is drawn to possible risks encountered if this product is used for purposes other than those for which it was designed.

Under no circumstances does this sheet release users from knowing and applying all regulations governing their businesses.