

# SAFETY DATA SHEET

Parathane Colour

Version: 2

Review date: 31/01/2007

91/155/EC (2001/58/EC) - ISO 11014-1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: Parathane Colour

Uses or/and applications: Coloured paste for polyurethane resins

Supplier: Icopal SAS  
12 Rue de la Renaissance  
FR-92184 Antony Cedex  
France  
Phone: +33 1 40 96 35 00  
Fax: +33 1 46 66 24 85  
E-mail: contact\_fr@icopal.com

Emergency phone number (to be used by the practising doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131  
B - Centre Antipoisons Tél: +32 (0) 70 245 245

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Preparation name: Parathane Colour

Description of the preparation: Mixture of: pigments and organic solvent.

Component(s) contributing to the hazard: • o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4] - Id No: 601-022-00-9 - CAS no: 1330-20-7 - EC no: 215-535-7  
Conc. wt.(%): 5 < C <= 10 - Classification: • R 10 • Xn; R 20/21 • Xi; R 38 •

## 3. HAZARDS IDENTIFICATION

Most important hazards: Vapour / air mixture is flammable.  
Irritating to respiratory system and skin.

Specific hazards: none

## 4. FIRST AID MEASURES

General advice: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.  
If unconscious, place in the recovery position and seek medical advice.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.  
Do NOT use solvents or thinners.

Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion: Rinse the mouth with water. Give little water to drink. Call upon a doctor and show him the label or this document.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), powder, water spray in sufficient quantity.

Extinguishing media which must NOT be used for safety reasons: Do not use water jet.

Specific method(s): Cool closed containers exposed to fire with water spray.  
Do not allow run-off from fire fighting to enter drains or water courses.

Specific fire hazard(s): Fire will produce dense black smoke.  
Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Special protective equipment for fire-fighters: Wear a self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

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Personal precaution(s):	Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.
Environmental precaution(s):	Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.
Method(s) for cleaning up:	Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent - Avoid the use of solvents.

## 7. HANDLING AND STORAGE

### Handling

- Precaution(s): Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.  
Smoking, eating and drinking is prohibited in areas of storage and use.  
For personal protection, see Section 8.  
The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.
- Technical condition(s): Add product very gradually, while stirring constantly.
- Safe handling advice(s): Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.  
Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.  
Never use pressure to empty: the container is not a pressure vessel. Always keep in containers made of the same material as the supply container.

### Storage

- Precaution(s): Observe the label precautions.  
No smoking. Prevent unauthorised access.
- Storage condition(s): Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.  
Store at temperatures between 5 °C et 35 °C  
Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Separation of incompatible product(s): Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
- Packaging / tank material: made of the same material as the supply container.
- Unsuitable packaging materials: Plastic buckets.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameter(s):

- Exposure limit(s): • o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4]:VME ppm = 50 - VME mg/m<sup>3</sup> = 221 - VLE ppm = 100 - VLE mg/m<sup>3</sup> = 442

### Personal protection equipment:

- Respiratory protection: Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit
- Hand protection: Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.  
A pair of protective gloves are recommended.
- Skin and body protection: The personnel should wear protective clothing.
- Eye protection: Eye protection designed to protect against liquid splashes should be worn.  
Wear security glasses which protect from splashes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

- Physical state / form: Viscous paste
- Colour: White, red or others colours.
- Odour: Typically organic solvent.

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Important health, safety and environmental information

- PH: Not applicable.
- Boiling point/range: 120 - 145 °C
- Flash point: 35 °C
- Auto-ignition temperature: > 450 °C
- Explosion limits: lower: 1% (Vol)  
Upper: 7% (Vol)
- Relative density (water = 1): 1,5 - 2,0 kg/l (20°C)
- Viscosity: 3000\* 10<sup>-6</sup> m<sup>2</sup>/s @ 40°C  
5000 mm<sup>2</sup>/s @ 20°C
- Water solubility: Non miscible with water
- Fat solubility: Swells up, eventually is soluble
- Solvent solubility: soluble in most organic solvents

## 10. STABILITY AND REACTIVITY

- Stability: Stable under the recommended storage and handling conditions. (See Section 7).
- Condition(s) to avoid: None under normal use.
- Material(s) to avoid: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
- Hazardous decomposition products: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy

## 11. TOXICOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself.
- Acute toxicity
- Inhalation: Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems..  
Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
- Skin contact: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.  
May cause skin irritation / dermatitis.
- Eyes contact: Splashes in the eyes may cause irritation and reversible local damage.
- Ingestion: May cause nausea, vomiting, sore throat, stomach-ache and eventually a perforation of the intestine.

## 12. ECOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself.  
The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
- Environmental toxicity: Ecological problems are not known or expected under normal use.
- Other adverse effects

## 13. DISPOSAL CONSIDERATIONS

- Waste / unused products: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.
- Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
- Further Information(s):

## 14. TRANSPORT INFORMATION

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General information(s):	Transport followed ADR, IMDG, IATA
UN N°:	1993
Land (Road / Railway: ADR/RID)	
- Proper shipping name:	FLAMMABLE LIQUID, N.O.S.
- Class:	3
- Verpakkingsgroep:	III
- ADR/RID-Labels:	3
- Code danger:	30
- Classification code:	F1 274 640E
- Packing instructions:	P001 IBC03 LP01 R001
Sea (IMDG)	
- Proper shipping name:	LIQUIDE INFLAMMABLE, N.S.A. - FLAMMABLE LIQUID, N.O.S.
- Class:	3
- Packaging group:	III
- Marine pollutant:	.
- EmS number:	F-E, S-E
- IMDG-Label(s):	3
- Packing instructions:	P001 LP01
Air (ICAO/IATA)	
- Proper shipping name:	LIQUIDE INFLAMMABLE, N.S.A.
- ICAO/IATA class:	3
- Packing group:	III
- ICAO/IATA-Labels:	3
- Important remarks:	Passager and cargo aircraft

## 15. REGULATORY INFORMATION

Labelling:	According to european directives on classification, packaging and labelling of dangerous substances
EC number:	Not applicable.
Symbol(s):	None according to EC directives.
R-phrase(s):	10 Flammable. 20 Harmful by inhalation. 21 Harmful in contact with skin.
S-phrase(s):	2 Keep out of the reach of children. 3 Keep in a cool place. 24/25 Avoid contact with skin and eyes. 46 If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

Item nr 2 : R-phrase(s)	R10 Flammable. R20/21 Harmful by inhalation and in contact with skin. R38 Irritating to skin.
Important remarks:	As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The user is always responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

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Uses or/and applications: Coloured paste for polyurethane resins

Restrictions: The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

## History

- First edition date: 12/08/2005

- Previous revision date: 12/08/2005

- Review date: 31/01/2007

- Version: 2

Written by: TDD / FDS 37