

## Safety Data Sheet

**Product name :** SYNOLAC 5085

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SDS n° :10700 (Version 2.0)

Version of : 2005-02-17

This sheet supersedes the one dated : 2003-07-09

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

PRODUCT NAME : SYNOLAC 5085  
CHEMICAL NAME OR GENERIC NAME : POLYESTER RESIN  
APPLICATIONS : Paints, coatings, inks, adhesives.  
SUPPLIER : Arkema Coatings Resins Srl  
Coating Resins  
Via Pregnana, 63  
20017 Rho (MI)  
Italia  
Tel : +39 02 939 25.1  
Fax : +39 02 939 25.201  
CONTACT PERSON : pars-drp-fds@arkema.com  
INTERNET : <http://www.arkema.com>  
EMERGENCY TELEPHONE NUMBER : +33 1 49 00 77 77

### 2. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS : This preparation does not contain any hazardous ingredients above their reportable threshold limits as defined under European Directives.

### 4. FIRST AID MEASURES

GENERAL : No recommendation given, but first aid could still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY! Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.  
INHALATION : Take person out of the contaminated area. Remove patient to fresh air.  
INGESTION : If swallowed, seek immediate medical advice and show container or label to the doctor. Do not induce vomiting.  
SKIN : Wash the skin immediately with soap and water. Remove contaminated clothing.  
EYES : Wash immediately (15 min) with water, opening eyelids. Never use solvent. Consult an ophthalmologist.

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## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA :

RECOMMENDED :

Water spray, fog or mist. Powder, foam or CO<sub>2</sub>.

NOT SUITABLE :

Water jet.

SPECIAL FIRE FIGHTING PROCEDURES :

Treat as hydrocarbon fire.

In case of fire and/or explosion do not breathe fumes.

Cool containers exposed to flames with water until well after the fire is out.

Keep run-off water out of sewers and water sources. Dike for water control.

HAZARDOUS COMBUSTION PRODUCTS :

Toxic gases/vapours/fumes.

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). ... .

PROTECTIVE MEASURES IN FIRE : Wear individual breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION :

Refer to protective measures listed in sections 7 and 8.

ENVIRONMENTAL PROTECTION :

Do not let the product enter into drains.

Discharge in sewers prohibited.

Do not allow this chemical to enter the environment.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

SPILL CLEANUP METHODS :

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Non-hazardous substance. Absorb in vermiculite, dry sand or earth and place into containers. Collect the product in a container pending future destruction.

## 7. HANDLING AND STORAGE

USAGE PRECAUTIONS :

Keep away from sources of ignition.

Avoid spilling, skin and eye contact.

Take precautionary measures against electrostatic discharges.

Provide showers, eye-baths.

STORAGE PRECAUTIONS :

Keep in cool, dry, ventilated storage and closed containers.

Keep in original container.

Equipment earthing.

Keep in original container.

Keep separate from food, feedstuffs, fertilizers and other sensitive material.

Keep away from heat, sparks and open flame. Keep away from sources of ignition.

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STORAGE CRITERIA :

PACKAGING MATERIALS RECOMMENDED :

Metal packaging.

PACKAGING MATERIALS NOT SUITABLE :

Plastics.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT :



PROCESS CONDITIONS :

Use engineering controls to reduce air contamination to permissible exposure level.

Provide eyewash station.

VENTILATION :

Provide adequate general and local exhaust ventilation.

RESPIRATORS :

Do NOT breathe vapours.

If ventilation is insufficient, suitable respiratory protection must be provided.

PROTECTIVE GLOVES :

Use protective gloves. Nitrile gloves

EYE PROTECTION :

Wear approved safety goggles.

OTHER PROTECTION :

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES :

DO NOT SMOKE IN WORK AREA!

Do not eat or drink when handling this material

Wash at the end of each work shift and before eating, smoking and using the toilet.

Promptly remove any contaminated clothing.

Remove working clothes after work.

Wash promptly with soap & water if skin becomes contaminated.

Use appropriate skin cream to prevent drying of skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :

Liquid.

COLOUR :

Yellowish.

ODOUR :

With characteristic odour.

PHYSICAL DATA COMMENTS :

Take precautionary measures against electrostatic discharges.

DENSITY/SPECIFIC GRAVITY (g/ml) :

1.06

Temperature (°C) :20°C

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**SOLUBILITY DESCRIPTION :** Insoluble in water.  
Soluble in: Organic solvents (most). Soluble in most organic solvents.

**FLASH POINT (°C) :** > 65°C  
Method :Sh CC (Setaflash closed cup).

## 10. STABILITY AND REACTIVITY

**STABILITY :** Stable under normal storage condition.

**CONDITIONS TO AVOID :** Avoid heat.  
Avoid contact with acids and oxidizers.

**HAZARDOUS DECOMP. PRODUCTS :** Toxic gases/vapours/fumes of:  
Carbon monoxide (CO). Carbon dioxide (CO2). ...

## 11. TOXICOLOGICAL INFORMATION

**HEALTH HAZARDS, GENERAL :** It has no toxic effect to present day knowledge.

**INGESTION :** This product irritates mucous membranes and may cause abdominal pain if swallowed.

**SKIN :** Avoid contact with skin.

**EYES :** Risk of eye irritation.

## 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION :** Do not discharge into drains or the environment ; dispose to an authorised waste collection point.  
Not regarded as dangerous for the environment.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS :** Recover and reclaim or recycle, if practical.  
Dispose of in accordance with Local Authority requirements.  
Dispose to an authorised waste collection point.

Do not allow runoff to sewer, waterway or ground.

**CONTAMINATED PACKAGING :** Cleaned packaging may be recycled.

## 14. TRANSPORT INFORMATION

**GENERAL :** Regulations do not apply to this product.

## 15. REGULATORY INFORMATION

**SAFETY DATA SHEETS :** according to Regulation (EC) No. 1907/2006

**SYMBOLS :** NC Not classified

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RISK PHRASES :	Not classified.
SAFETY PHRASES :	S-21 When using do not smoke. S-37/39 Wear suitable gloves and eye/face protection. S-41 In case of fire and/or explosion, do not breathe fumes.
UK REGULATORY REFERENCES :	Chemicals (Hazard Information & Packaging) (CHIP) Regulations 2000
EU DIRECTIVES :	Commission Directive 2001/59/EC of 6 August 2001 adapting to technical progress for the 28th time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal L 225 - 21/08/2001). Regulation (EC) N° 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) N° 793/93 and Commission Regulation (EC) N° 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Commission Directive 2004/73/EC of 29 April 2004 adapting to technical progress for the 29th time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal L 216 - 16/06/2004). Dangerous preparations : Directive 1999/45/EC amended by Directive 2001/60/EC - OJEC L226 - 22/08/2001 and Directive 2006/08/EC OJEC - 24/01/2006. Directive 91/155/EEC amended by Directive 93/112/EEC and Directive 2001/58/EC : Safety data sheets.

## 16. OTHER INFORMATION

**USER NOTES:**

This information applies to the PRODUCT AS SUCH and conforming to specifications of ARKEMA.

In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear.

The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely.

Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive.

It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product.

It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product (usage, storage, cleaning of containers, other processes) the totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

**REVISION DATE :** 2005-02-17

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