

Safety Data Sheet

ACCORD

Safety Data Sheet dated 21/9/2010, version 5.0

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

Trade name: ACCORD
Trade code: 3087
Product type and use: Polyester filler for Body Shop
Supplier:
IMPA Spa - Via Crevada 9/E - 31020 SAN PIETRO DI FELETTO (TV) - ITALY
Emergency telephone number of the company:
IMPA Spa - Phone ++39-0438-4548 - Fax ++39-0438-454915
Competent person responsible for the safety data sheet:
massimiliano.zanardo@impa.it

2. HAZARDS IDENTIFICATION

Properties / Symbols:
Xn Harmful
Xi Irritant
R Phrases:
R10 Flammable.
R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of Council Directive 67/548/EEC and corresponding classification or where are known exposition limits:

12.5% - 15% styrene
N.67/548/EEC: 601-026-00-0 CAS: 100-42-5 EC: 202-851-5
Xn,Xi; R10-20-36/38

0.5% - 1% toluene
N.67/548/EEC: 601-021-00-3 CAS: 108-88-3 EC: 203-625-9
F,Repr. Cat. 3,Xn,Xi; R11-38-48/20-63-65-67

0.1% - 0.25% xylene, mixture of isomers
N.67/548/EEC: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7
Xn,Xi; R10-20/21-38

0.1% - 0.25% ethyl acetate
N.67/548/EEC: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4
F,Xi; R11-36-66-67

< 0.1% ethylbenzene
N.67/548/EEC: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4
F,Xn; R11-20

4. FIRST AID MEASURES

Contact with skin:
Immediately take off all contaminated clothing.
Areas of the body that have come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
Contact with eyes:
Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. If strong irritation OBTAIN A MEDICAL EXAMINATION.
Swallowing:
Do not induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY, showing the Safety Data Sheet.
Give medicinal mineral vaseline; administer neither milk nor animal or vegetable fats of any kind.
Inhalation:
Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. CALL A PHYSICIAN.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:
CO2 or Dry chemical fire extinguisher.
Extinguishers not to be used:
None in particular.
Risks arising from combustion:
Avoid inhaling the fumes.
CO, CO2, Organic vapours generation.
Protective equipment:
Use protection for the respiratory tract.
Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:
Use gloves and protective clothing.
Environmental measures:
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

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If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:
Rapidly recover the product. To so do, wear a mask and protective clothing.
Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.
After the product has been recovered, rinse the area and materials involved with water.
To clean floor and contaminated materials, use Aceton.

7. HANDLING AND STORAGE

Handling precautions:
Avoid contact and inhalation of the vapours. See, also, paragraph 8 below.
Do not eat or drink while working.
Do not smoke while working.

Incompatible materials:
Contact with organic peroxides may cause fast mass hardening with considerable heat raising.

Storage conditions:
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:
Cool and adequately ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:
Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:
Use adequate protective respiratory equipment.

Hands protection:
Use protective gloves.

Eye protection:
Safety goggles.

Skin protection:
Use clothing that provides comprehensive protection to the skin.

Exposure limit(s) (ACGIH):
styrene
TLV TWA: 20 ppm, A4 - 85,2 mg/m³, A4 TLV STEL: 40 ppm, A4 - 170,4 mg/m³, A4

toluene
VLE 8h: 192 mg/m³ - 50 ppm TLV TWA: 50 ppm, A4 - 188,4 mg/m³, A4 S TLV STEL: A4 Skin

xylylene, mixture of isomers
VLE 8h: 221 mg/m³ - 50 ppm VLE short: 442 mg/m³ - 100 ppm TLV TWA: 100 ppm, A4 - 434,19 mg/m³, A4 TLV STEL: 150 ppm, A4 - 651,29 mg/m³, A4

ethyl acetate
TLV TWA: 400 ppm - 1441,31 mg/m³

ethylbenzene
VLE 8h: 442 mg/m³ - 100 ppm VLE short: 884 mg/m³ - 200 ppm TLV TWA: 100 ppm, A3 - 434,19 mg/m³, A3 Skin TLV STEL: 125 ppm, A3 - 542,74 mg/m³, A3 Skin

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	thick paste
Odour:	of styrene
pH:	na
Melting point:	na
Boiling point:	nd
Flash point:	> 23 °C
Solid/gas flammability:	na
Explosive properties:	none
Oxidizing properties:	none
Vapour pressure:	nd
Relative density:	1.84 ± 0.03
Partition c. (n-octanol/H ₂ O):	nd
Vapour density:	nd
Solubility in water:	not soluble
Lipid solubility:	nd
Legend:	
NA = not applicable - ND = non available	

10. STABILITY AND REACTIVITY

Conditions to avoid:
Avoid to keep near heat sources.
High temperature reduces product shelf-life causing spontaneous thickening.

Substances to avoid:
Avoid contact with oxidizing materials or powerful oxidising agents. The product could catch fire.
Contact with Organic Peroxides cause a fast mass thickening with considerable heat generation.

Hazardous decomposition products:
The product is stable in normal usage and storage conditions.
Because of heat or fire the preparation can release carbon oxides and vapours which may be harmful to health.

11. TOXICOLOGICAL INFORMATION

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

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Toxicological information on main components of the mixture:
styrene

Acute toxicity:
LD50 (RAT) ORAL: > 2000 MG/KG
LC50 (RAT) INHALATORY: 12 MG/L, 4 h exposure

12. ECOLOGICAL INFORMATION

Adopt sound working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Or get the mass thickened by adding catalyst. Hardened product is no more dangerous.
Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
Where applicable, refer to the following Italian regulatory provisions: 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

ADR-UN Number:	3269
ADR-Class:	3
ADR-HI number:	30
ADR-Shipping Name:	POLYESTER RESIN KIT
ADR-Packing Group:	III
ADR-S.P.:	640E
ADR-Tunnel Restriction Code:	D/E
IATA-UN Number:	3269
IATA-Class:	3
IATA-Shipping Name:	POLYESTER RESIN KIT
IATA-Label:	Flamm. Liquid
IATA-Packing group:	III
Marine pollutant:	No
IMDG-UN Number:	3269
IMDG-Class:	3
IMDG-Shipping Name:	POLYESTER RESIN KIT
IMDG-Packing group:	III
IMDG-EMS:	F-E, S-D
IMDG-MFAG:	A

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Council Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparations) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH). Regulation (EC) No 1272/2008 (CLP) (Annex VI). Regulation (EC) No 790/2009 (Annex IV, Annex V).



Xn

Symbols:	Xn	Harmful
R Phrases:	R10	Flammable.
	R20	Harmful by inhalation.
	R36/38	Irritating to eyes and skin.
S Phrases:	S23	Do not breathe vapour/spray.
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Contains:	styrene	

Where applicable, refer to the following Italian regulatory provisions:
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

16. OTHER INFORMATION

Text of phrases referred to under heading 3:

- R10 Flammable.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R20/21 Harmful by inhalation and in contact with skin.
- R36 Irritating to eyes.
- R36/38 Irritating to eyes and skin.
- R38 Irritating to skin.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R63 Possible risk of harm to the unborn child
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.

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R67 Vapours may cause drowsiness and dizziness.

Paragraphs modified from the previous revision:

- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 14. TRANSPORT INFORMATION
- 15. REGULATORY INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
ACGIH - Threshold Limit Values - 2004 edition
Safety data sheets of raw materials suppliers.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.