

MATERIAL SAFETY DATA SHEET

Not classified as Hazardous according to criteria of Worksafe Australia

Formasil Xact

IDENTIFICATION

Product Name: Formasil Xact
Product Use: Resin for indirect surface testing and impressions
UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

PHYSICAL PROPERTIES

General Information

Form: Fluid
Colour: White
Smell: Weak, characteristic

Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined
Flash point: > 140°C
Ignition temperature: 370.0°C
Self-inflammability: Product is not selfigniting
Danger of explosion: Product is not explosive.
Density at 20°C: 1.52 g/cm3
Solubility in / Miscibility with Water: Not miscible or difficult to mix
Solvent content: -
Solids content: >75 %

INGREDIENTS

Chemical characterization
Description: -
Dangerous components: Void
Additional information: For the wording of the listed risk phrases refer to section 16.

HEALTH HAZARD INFORMATION

Hazard designation: Void
Information pertaining to particular dangers for man and environment
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the ELI" in the latest valid version.
Classification system
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

FIRST AID

General information: No special measures required.
After skin contact: The product is not skin irritating.
After eye contact : Rinse opened eye for several minutes under running water.
After swallowing: Initiate vomiting and consult a doctor.

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FIRE - FIGHTING MEASURES

Suitable extinguishing agents: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire fighting measures that suit the environment.
 Protective equipment: No special measures required.
 Additional information: -

ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.
 Measures for environmental protection: No special measures required.
 Measures for cleaning/collecting: Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).
 Additional information: No dangerous materials are released.

HANDLING AND STORAGE

Handling

Information for safe handling: No special measures required.
 Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers: No special requirements.
 Information about storage in one common storage facility: Not required.
 Further information about storage conditions: None.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see Handling & Storage.

Components with critical values that require monitoring at the workplace:

9005-25-8 Starch

OES () Long-term value: 10* 4** mg/m³

*total inhalable dust

**respirable dust

Additional information: The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.

Breathing equipment: Not required.

Protection of hands: Not required.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable: Natural rubber, NR.

Eye protection: Not absolutely necessary.

Body protection: Light weight protective clothing.

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STABILITY AND REACTIVITY

Conditions to be avoided: No decomposition if used and stored according to specifications.
Dangerous reactions: No dangerous reactions known.
Dangerous products of composition: None

TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:
on the skin: No irritant effect.
on the eye: No irritant effect.
Sensitization: No sensitizing effect known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

ECOLOGICAL INFORMATION

General notes:

Water hazard class 1 (calculated according to VwVwS): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

DISPOSAL CONSIDERATIONS

Product:

Recommendation: Smaller quantities can be disposed with household garbage.
European waste catalogue: 18 01 07 chemicals other than those mentioned in 18 01 06

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

TRANSPORT INFORMATION

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea

IMDG/GGVSea Class: -

Marine pollutant:: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

REGULATORY INFORMATION

Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

National regulations

Water hazard class: Water hazard class 1(calculated according to VwVwS): slightly hazardous for water.

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CONTACT POINT

Contact Point

Technical Manager 03 9579 2044

Disclaimer The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of or reliance on, this information in inappropriate contexts.