

SYNTENKO 1352
UREA
FORMALDAHYDE
RESIN


Casco Products MATERIAL SAFETY DATA SHEET
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 Casco Products AB
 P.O. Box 11538
 S-100 61 Stockholm
 Sweden

 Date of issue
 1998-09-22

 Date of control
 2001-10-22

1. PRODUCT AND COMPANY IDENTIFICATION

 Product name
 SYNTEKO 1352

 Product number
 1352

 Chemical or technical description
 Urea-formaldehyde resin

 Manufacturer/Supplier
 CASCO PRODUCTS AB
 Sickla Industriväg 6
 Box 11538
 100 61 Stockholm
 08-743 40 00

 MSDS co-ordinator
 K. Strindholm

 Emergency telephone
 +46 8 743 40 00 (office time)
 +46 8 33 70 43 (int.) (Emergency Response Center, Sweden)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	CAS-number	Content(%)	Symbol	R-phrases
Formaldehyde	50-00-0	1-5	T	R-23/24/25-34-40-43
Urea-formaldehyde resin	9011-05-6	60-99		

 Legend: Tx-Very Toxic, T-Toxic, C-Corrosive, Xn-Harmful, Xi-Irritant,
 E-Explosive, O-Oxidizing, F+ Extremely flammable, F-Highly flammable, N-Dangerous for the environment

3. HAZARDS IDENTIFICATION

 May cause sensitization by skin contact.
 Possible risks of irreversible effects.

4. FIRST AID MEASURES

Inhalation: Fresh air and rest.

Contact to eyes: Rinse at once with large amounts of water. Get medical attention.

Skin contact: Take off contaminated clothing. Wash with soap and water. Chemical burns shall be treated by a physician.

Ingestion: Drink some milk or water. By ingestion of large quantities, get medical attention.

5. FIRE-FIGHTING MEASURES

In fire situations use water, dry chemical, foam or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Collect and clean mechanically, leave for destruction. Wash with water.

7. HANDLING AND STORAGE

Be aware of local regulations.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Maintain good ventilation. Depending on handled quantities and working conditions there may be a need of mechanical ventilation and exhausting device. Work in a way that prevents directly contact with the product. Use protective gloves and goggles.

Exposure limits
Formaldehyde

0.37 mg/m³ TLV-C

mg/m³ —

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder with faint odour of formaldehyde.

Flash point: > 100 °C

Vapour pressure: — KPa

Autoignition temp: — °C

Temp. of Vapour pressure: — °C

Melting point: — °C

Explosion limits: — vol %

Density: 700 kg/m³

Solubility in water: Soluble

pH value: —

Other solvents: —

10. STABILITY AND REACTIVITY

Normally stable.

11. TOXICOLOGICAL INFORMATION

The product contains a small amount of unreacted formaldehyde, which may be given off by curing. The vapours are irritating to respiratory tract and may cause nose and throat irritation, coughing, hoarseness and lachrymation. Possible risks of irreversible effects.

Contact with skin may be irritating. Prolonged or repeated contact with skin may cause sensitization with allergic eczema.

Contact with eyes may cause pain. Formaldehyde vapours may be irritating to eyes.

12. ECOLOGICAL INFORMATION

The product is not classified as hazardous to the environment from available data and current legislation.

13. DISPOSAL CONSIDERATIONS

Dried/cured product, with or without packing material, may be handled as normal industrial waste. By handling of large quantities, dispose of according to local authority concerned.



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14. TRANSPORT INFORMATION

UN number:	—	IMDG Class:	—
Packaging group:	—	Page:	—
ADR/RID Class:	—	EmS number:	—
Item number:	—	MFAG:	—
DGR Class:	—	Marine Pollutant:	—
Sub.risc:	—		

15. REGULATORY INFORMATION

Danger symbol(s): Xn
Health danger: HARMFUL
Fire danger: —
Dangerous for the env.: —
Fire reactive product: —

R-phrases

R-43 May cause sensitization by skin contact.
R-40 Possible risks of irreversible effects.

S-phrases

S-36/37 Wear suitable protective clothing and gloves.
S-51 Use only in well-ventilated areas.

16. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.