

MATERIAL SAFETY DATA SHEET

1. COMPOSITION/INFORMATION OF INGREDIENTS

This product is to be considered as preparation in conformance to EC directives.

Information on hazardous ingredients

Chemicals description: resin ester

Composition / information on ingredients

Non Volatine- 100%

Non Hazardous Material

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the BES Dangerous Substance Directive and Dangerous Preparation directive.

Self- ignition may occur in case fine particles are absorbed in e.g. sawdust, clothes or insulating material.

3. FIRST AID MEASURES

Symptoms and effect:

First aid

General:

No typical symptoms and effects known.

In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation:

This is only possible by exposure to HOT product. Move to fresh air, rest, half upright position, loosen clothing. Seek medical advice

Skin:

Remove contaminated clothing. Seek medical advice if irritation develops

Eye:

Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.

Seek medical advice if irritation develops.

Ingestion:

Rinse mouth water. In serious cases seek medical attention.

Advice to physical:

This product is considered to be relatively harmless to man.

4. FIRE-FIGHTING MEASURES

Extinguishing media:

Water mist, foam, dry powder, carbon dioxide.

Unsuitable extinguishing media:

Never use water jet.

Special exposure hazards;

No specific recommendations.

Hazardous decomposition /

In case of thermal decomposition, acrid fumes may be formed.

Combustion product

Protective equipment:

No specific recommendations.

5.ACCIDENTAL RELEASE MEASURES

Personal precautions:

The usual precautions for handling chemicals should be observed.

**Environmental precautions;
Methods for cleaning up;**

No specific recommendations.

Collect as much as possible in a clean container for (preferable) reuse or disposal. Absorb remainder in special oil absorbent. Self-ignition may occur in case fine particles are absorbed in e.g. sawdust, clothes or insulating material. Absorb remainder in special oil absorbent. If absorbed in special oil absorbers or clothes, keep in fire-safe place (self-ignition may occur).

Other information:

Normally stable.

6.HANDLING AND STORAGE

Handling:

The usual precautions for handling chemicals should be observed.

Fire & Explosion prevention:

Self-ignition can occur in case of fine hot particles. Self-ignition may occur in case fine particles are absorbed in e.g. sawdust, clothes or insulating material. If absorbed in special oil absorbent or clothes, keep in fire-safe place (self-ignition may occur).

Storage requirements:

No specific recommendations.

Other information:

Normally stable.

7.EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

The usual precautionary measures for handling chemicals should be observed.

Exposure limits:

No exposure limit has been established.

Personal protection

Respirator):

No specific recommendations

Hand:

No specific recommendations

Eye:

Avoid contact with eyes.

Skin and Body:

No specific recommendations

Other information:

Discard contaminated clothing and flammable in air.

shoes. Spontaneously

8.PHYSICAL AND CHEMICALS PROPERTIES

Resin ester 115

Parameter Unit Test Result

Softening Point °C 115.00

Acid Number 25.00

Total Ash Content % 0.50

insoluble matter % 0.05

Specific weight gr/ml 1.0125

Loss in drying (105°C) % 0.71

Resin ester :
 Parameter Unit Test Result
 Melting Point °C 100.00
 Acid Number 25.00
 Total Ash Content % 0.50
 Insoluble matter % 0.05
 Specific weight gr/ml 1.0125
 Loss in drying (105V) % 0.71

9. STABILITY AND REACTIVITY

Stability:	Normally stable
Conditions to avoid:	Self-ignition can occur in case of fine hot particles. Self-ignition may occur in case fine particles are absorbed in e.g. sawdust, clothes or insulating material. If absorbed in special oil absorbers or clothes, keep in fire-safe place (self-ignition may occur)

10. TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation as such available.

11. ECOLOGICAL INFORMATION

Name:	resin ester
Degradation Biotic:	Biodegradable

12. DISPOSAL CONSIDERATIONS

Product:	According to local regulations (most probably controlled incineration)
Contaminated Packaging:	According to local regulations.

13. TRANSPORT INFORMATION

Land transport (ADR/RID)			
ADR class	not restricted	ADR item number	not relevant
RID class	not restricted	RID item number	not relevant
Hazard Identification No.	not relevant	Substance Identification No.	not relevant
TREM-card	not relevant	UN number	none
Proper shipping name			
Sea transport (IMGD-code/IMO)			
IMO/IMGD code	not restricted	Class	not restricted
Packaging Group	not relevant	UN number	none
EMS	not relevant	MFAG	not relevant
Marine pollutant	no		
Proper shipping name	not relevant		
Air transport (ICAO-IT/IATA-DGR)			
ICAO-TI/IATA-DGR	not restricted	UN Number	none
Proper shipping name	not relevant		

14.REGULATORY INFORMATION

Chemical description resin ester

Labeling according to EC directives

Symbol(s) none

Risk phrase(s) none

Safety phrase(s) none

IATA none

15.TRANSPORT INFORMATION

This information only concerns the above mentioned product and does not need to be