

SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

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SYLVAMELT 401, Molten

Revision 1
Revision date 23-Sep-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name SYLVAMELT 401, Molten
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Product code 5024E,M

2. HAZARDS IDENTIFICATION

Main hazards Irritating to eyes. May cause sensitisation by skin contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Rosin ester	40-50%			
Resin acids and Rosin acids, fumarated, esters with pentaerythritol	40-50%	94581-15-4	305-514-1	Xi; R36-43

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Quickly cool skin with cold running water.

Eye contact May cause irritation to eyes. Contact lenses should be removed. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.

Ingestion May cause irritation to respiratory system. Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions. Use as appropriate: carbon dioxide (CO₂). Foam. Water spray.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear suitable respiratory equipment when necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Keep personnel away from spill.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep away from heat. Keep away from sources of ignition - No smoking. Do not breathe gas/fumes/vapour/spray. Wear suitable protective equipment. Wear suitable respiratory equipment when necessary.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from heat. Keep away from sources of ignition - No smoking. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Wear suitable respiratory equipment when necessary.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	In case of splashing, wear: Approved safety goggles. Eye protection.
Protective equipment	Wear protective clothing. Adopt best Manual Handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Viscous liquid.
Colour	Amber.
Odour	Mild.
Flash point	> 200°C
Vapour pressure	< 0.001 mm Hg @25° C
Relative density	> 1015 kg/m ³ @100° C; 1001 kg/m ³ @120° C
Water solubility	< 0.1 % @20° C.
Melting point	20°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Direct sunlight. Heat.
Materials to avoid	Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	May cause irritation to respiratory system.
Corrosivity	May cause irritation to eyes. May cause irritation to skin.
Sensitization	No sensitization effects reported.

12. ECOLOGICAL INFORMATION

Mobility	No known adverse environmental effects.
Degradability	Readily biodegradable.

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13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations. Can be incinerated if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 3257	Packing group III
Class 9	Hazard ID 99
Proper Shipping Name LIQUID, N.O.S, .	ELEVATED TEMPERATURE

IMDG

UN 3257	Packing group III
Class 9	Marine pollutant .
EmS Code F-A S-P	

IATA

UN 3257	Packing group III
Class 9	Subsidiary risk -
Packing Instruction (Cargo) FORBIDDEN	Maximum quantity FORBIDDEN
Packing Instruction (Passenger) FORBIDDEN	Maximum quantity FORBIDDEN

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Symbols Xi - Irritant



Risk phrases R36 - Irritating to eyes.
R43 - May cause sensitisation by skin contact.

Safety phrases S24/25 - Avoid contact with skin and eyes.
S37 - Wear suitable gloves.
S60 - This material and its container must be disposed of as hazardous waste.

Further information WGK = 1 (Kenn-Nr 6594)

16. OTHER INFORMATION

Text of risk phrases in Section 3. R36 - Irritating to eyes.
R43 - May cause sensitisation by skin contact.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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