

Material Safety Data Sheet
According to 91/155 EC

Date Of Issue: 09/20/1999 Revised On: 02/03/2004 Total pages: 4

1. Identification of substance:

Product details:

Trade name: SUN-TACK C9 Petroleum Resin, in primary forms.

Softening Point range 90-140° C R & B.

Manufacture/Supplier: United Performance Materials Corporation

Information: Product safety department

Emergency information: see manufacturer/supplier

2. Composition/Data on components: C9 Petroleum resin in primary forms

Chemical characterization:

CAS No. Designation: 64742-16-1 petroleum resin in primary forms

Identification number(s): void (Polymer)

Ingredient	Formula	Content	CAS No.
Indene :	C9H8	20~50%	95-13-6
Styrene:	C8H7	5~10%	100-42-5
Vinyl - Toluene :	C9H10	20~30%	98-83-9
Dicyclopentadiene :	C10H12	20~30%	77-73-6

3. Hazards identification:

Hazard designation: void

4. First aid measures:

General information: No special measures required.

After inhalation: Supply fresh air ; consult doctor in case of symptoms.

After skin contact: Clean affected area with soap and plenty of water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: In case of persistent symptoms consult doctor.

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5. Fire fighting measures:

Suitable extinguishing agents: Use fire fighting measures that suit the environment

Protective equipment: No special measures required.

6. Accidental release measures:

Person-related safety precautions: Not required.

Measures for environmental protection: No special measures required.

Measures for cleaning /collecting: collect mechanically.

Additional information: No dangerous materials are release.

7. Handling and storage:

Handling:

Information for safe handling: No special measures required.

Information about protection against exploding and fires: No special measures Required.

Storage:

Requirements to be met by storerooms and containers: No special requirements

Trade name: SUN-TACK C9 Petroleum resins, softening point range 90-150°C
R&B, in primary forms.

Information about storage in one common storage facility: Not required

Further information about storage conditions: None

8. Exposure controls and personal protection:

Additional information about design of technical system: see item 7

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment: Not required.

Protection of hands: Not required.

Eye protection: Not required.

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Body protection: Protective work clothing.

9. Physical and chemical properties:

Form: Solid

Color: Yellow-brown

Odor: Weak, characteristic

	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
Change in condition:			
Softening point/range:	90-140	°C	ASTM E28
Flash point:	>230	°C	DIN ISO 2592
Ignition temperature:	>450	°C	DIN 51 794

Self-inflammability: Product is not self-igniting.

Danger of explosion: Dust can form explosive mixtures with air

Critical values for explosion:

Lower: 15 g/m³

Vapour pressure: at 25°C < 0.2 mbar DIN 51 754

Density: at 25°C 1.06-1.11 g/cm³ DIN 51 004

Solubility in/Miscibility with water: Insoluble

10. Stability and reactivity:

Thermal decomposition/conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known

Dangerous products of decomposition: No dangerous decomposition products known.

11. Toxicological information:

Acute toxicity:

Specific symptoms in biological assay: LD50 (oral-rat): < 10.0G/ KG

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: No sensitizing effect known.

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Additional toxicological information:

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.

12. Ecological Information:

General Information: Based on experience no adverse effects in drains or sewage systems are to be expected if correct disposal procedures have been followed.

13. Disposal Considerations

Disposal Classification Number:

Unused Substance / Remaining Substance

Recommendation: Observe local requirements. Dispose of in accordance to local Regulations.

Contaminated Packaging

Recommendations: Observe local requirements. Dispose of in accordance to local regulations.

14. Transport Information

Transport / Additional information

No dangerous good according to international transport regulations.

15. Regulatory information:

Designation according to EC guidelines:

Labelling according to EEC Directives/Ordinance on Hazardous Substances is not required.

16. Other information:

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet:

Product safety department
