

Yangzhou Sunchem Co.,Ltd.

Material Safety Data Sheet

C9 RESIN

1 Identification of the substance/mixture and of the company/undertaking

. 1.1 Product identifier

. Article number: 142290

. CAS Number:68131-77-1

. 1.2 Relevant identified uses of the substance or mixture and uses advised against

. Application of the substance / the preparation

Synthetic resin

Raw material for adhesives, sealants, coatings, printing inks and rubbergoods

2 Hazards identification

. 2.1 Classification of the substance or mixture

. Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

. Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void

. 2.2 Label elements

. Labelling according to Regulation (EC) No 1272/2008 Void

. Hazard pictograms Void

. Signal word Void

. Hazard statements Void

. 2.3 Other hazards

. Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

3 Composition/information

. 3.1 Substances

. CAS No. Designation:

68131-77-1 Distillates (petroleum), steam-cracked, polymerized

. Identification number(s): void (Polymer)

4 First aid measures

. 4.1 Description of first aid measures

. General information Personal protection for the First Aider.

. 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. If symptoms persist, consult doctor.

. After swallowing In case of persistent symptoms consult doctor.

. 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

. Information for doctor Therapeutically measures: basic help, decontamination, symptomatic treatment.

. 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

. 5.1 Extinguishing media

. Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet.

Foam

. For safety reasons unsuitable extinguishing agents Water with a full water jet.

. 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

. 5.3 Advice for firefighters

. Protective equipment: Wear self-contained breathing apparatus.

6 Accidental release measures

. 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

. 6.2 Environmental precautions: Do not allow product to reach sewage system or water bodies.

. 6.3 Methods and material for containment and cleaning up: Collect mechanically.

. 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

7 Handling and storage

. 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

. Information about protection against explosions and fires: Keep breathing equipment ready.

. 7.2 Conditions for safe storage, including any incompatibilities

. Storage

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

. Information about storage in one common storage facility: Store away from oxidizing agents.

. Further information about storage conditions: Keep container tightly sealed.

. 7.3 Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

. 8.1 Control parameters

. Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

. 8.2 Exposure controls

. Personal protective equipment

. General protective and hygienic measures

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

. Breathing equipment: Use breathing protection in case of insufficient ventilation.

. Protection of hands: Plastic gloves

. Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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.

. Eye protection: Safety glasses

. Body protection: Protective work clothing.

9 Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form: Solid

Colour: Light yellow

Brown

. Odour: Weak, characteristic

. Change in condition

Softening point / range: 65 - 175°C (ASTM D3461)

. Flash point: > 150°C (DIN ISO 2592)

. Ignition temperature: > 450°C (DIN 51 794)

. Decomposition temperature: > 250°C

. Self-inflammability: Product is not selfigniting.

. Danger of explosion: Dust can form explosive mixtures with air

. Vapour pressure at 20°C: < 0.01 hPa (DIN 51 754)

. Density at 20°C 1.05 - 1.11 g/cm³ (DIN 52 004)

. Solubility in / Miscibility with

Water at 20°C: < 5 mg/L (TOC)

. 9.2 Other information The data in this chapter cover product groups. For product-specific data see the

corresponding Technical Information.

10 Stability and reactivity

. 10.1 Reactivity

. 10.2 Chemical stability

. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

. 10.3 Possibility of hazardous reactions No dangerous reactions known

. 10.4 Conditions to avoid No further relevant information available.

. 10.5 Incompatible materials: No further relevant information available.

. 10.6 Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

. 11.1 Information on toxicological effects

. Acute toxicity:

. LD/LC50 values that are relevant for classification:

68131-77-1 Distillates (petroleum), steam-cracked, polymerized

Oral LD50 > 5000 mg/kg (rat) (Analogy to structure-related substance)

. 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 has not been tested. The information above has been deduced from products with similar composition.

12 Ecological information

. 12.1 Toxicity

. Aquatic toxicity:

68131-77-1 Distillates (petroleum), steam-cracked, polymerized

LC50 (96 h) (fish) (OECD 203)

No toxicity at 10 g/L. Analogy to structure-related substance.

. 12.2 Persistence and degradability No further relevant information available.

. Other information: The product is not biodegradable.

. 12.3 Bioaccumulative potential Negligible accumulation in organisms.

. 12.4 Mobility in soil immobile

. Ecotoxic effects:

. Other information:

The product has not been tested. The information above has been deduced from products with similar composition.

. 12.5 Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

. 12.6 Other adverse effects No further relevant information available.

13 Disposal considerations

. 13.1 Waste treatment methods

. **Recommendation** Remove according to local authority recommendations, e.g. convey to a suitable incinerator.

. European waste catalogue

The waste code classification is to be carried out according to the European Waste Catalogue (EWC) specifically for each branch of industry and each type of process.

. Uncleaned packagings:

. **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

. 14.1 Substance Index Number

. ADR, ADN, IMDG, IATA Void

. 14.2 UN proper shipping name

. ADR, ADN, IMDG, IATA Void

. 14.3 Transport hazard class(es)

. ADR, ADN, IMDG, IATA

. Class Void

. 14.4 Packing group

. ADR, IMDG, IATA Void

. 14.6 Special precautions for user Not applicable.

. 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

. Transport/Additional information: No dangerous good according to international transport regulations.

. UN "Model Regulation": -

15 Regulatory information

. 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

. Labelling according to Regulation (EC) No 1272/2008 Void

. Hazard pictograms Void

. Signal word Void

. Hazard statements Void

. 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall sunchem be liable for any claims, losses, or damages of any third party or for lost profits or any special,

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