



healthmark
INDUSTRIES CO.
health care products
800-521-6224
www.hmark.com

Product SDS

Reference date: 12/28/91 Revision date: 7/24/14

01. Identification of the substance/mixture and of the company

Product name: Radel ® R-5000

Code number(s):

Purpose of product:

Manufacturer/supplier: Healthmark Industries Co.

Address: 18600 Malyn Blvd. / Fraser, MI 48026

Telephone/Fax/Email: (800) 521-6224 / (586) 491-2113 / healthmark@hmark.com

Emergency telephone number: (800) 424-9300 (24-hour service)

02. Hazards identifications

Classification of the substance or mixture: Polyphenylsulfone

Adverse environmental and human health effects: No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

03. Composition/information on ingredients

Description of the mixture: Polyphenylsulfone

Hazardous ingredients: N/A

04. First aid measures

General information: N/A

Following inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention.

Following skin contact: Wash exposed skin with soap and water.

Following eye contact: Flush eyes with plenty of water. Get medical attention if irritation persists.

Following ingestion: If a larger amount is swallowed, get medical attention.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Agents approved for Class A hazards (e.g. foam, steam) or water fog.

Unsuitable extinguishing media: High dust concentrations have a potential for combustion or explosion.

Special hazards arising from the substance and combustion products: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

Advice for firefighters: Firefighters should wear full bunker gear, including a positive pressure self-contained breather apparatus.

06. Accidental release measures

General information: Contain and remove by mechanical means. Vacuum or sweep out; avoid producing dust.

Environmental precautions: N/A

Additional information: N/A

07. Handling and storage

Precautions for safe handling: Minimize dust generation and accumulation. No special storage requirements.

Fire Preventions: N/A

Technical measures and storage conditions: N/A

08. Exposure controls/personal protection

Control parameters: No special controls necessary.

Personal protective equipment: N/A

Hand protection: None required; however use of protective gloves/clothing is good industrial practice.

Respiratory protection: Use of adequate ventilation is good industrial practice. Do not breathe dust. If ventilation is inadequate, use NIOSH/MSHA certified respirator that will protect against dust/mist.

Eye protection: None required; however use of eye protection is good industrial practice. Use dust goggles if high dust concentration is generated.

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: Opaque or colored pellets or powder

Physical state: N/A

Color: N/A

Odor: Odorless

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: N/A

pH: N/A

Initial boiling point/range: °C /°F N/A

Solubility: Negligible, below 0.1%.

Flash point: °C /°F N/A

Ignition temperature: °C /°F N/A

Melting point: °C /°F N/A

Conditions to avoid: N/A

Incompatible materials: N/A

10. Stability and reactivity

Conditions to avoid: N/A

Incompatible materials: N/A

Hazardous decomposition products: N/A

11. Toxicological information

Information on toxicological effects: Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience. No component of the product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of the product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA).

Irritation: Dense dust generated by the handling and/or processing of this material may be irritation to the eyes, skin, nose, and throat.

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

12. Ecological information

Terrestrial toxicity: This product, to the best of our knowledge, does not contain and is not manufactured with any Class I or Class II Ozone Depleting Chemicals (ODCs).

Aquatic toxicity: N/A

Mobility: N/A

Persistence and degradability: N/A

Bio accumulative potential: N/A

Results of PBT and vPvB assessment: N/A

Other adverse effects: N/A

13. Disposal considerations

Product: Follow federal, state, and local regulations. Contact an authorized disposal service.

Contaminated packaging: N/A

Uncontaminated packaging: N/A

14. Transport information

UN-No: N/A

Proper shipping name: N/A

Classification Code: N/A

Packing group: N/A

Hazard label: N/A

15. Regulatory information

Material safety evaluation:

CERCLA SECTIONS 102a.103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): This product is not regulated under SARA Title III Section 311/312.

SARA TITLE III SECTION 313 (40 CFR Part 372): This product is not regular under Section 313 of SARA and 40 CFR Part 372.

U.S. INVENTORY (TSCA): Listed on inventory.

OSHA HAZARD COMMUNICATION STANDARD: Not hazardous per 29 CFR 1910.1200(d).

WHMIS Controlled Product Classification: Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

EC INVENTORY (EINECS/ELINCS): In compliance.

JAPAN INVENTORY (MITI): One of more components not listed on inventory – for research and development purposed only.

AUSTRALIA INVENTORY (AICS): One of more components not listed on inventory – for research and development purposed only.

KOREA INVENTORY (ECL): Not determined.

CANADA INVENTORY (DSL): Not determined.

CANADA INVENTORY (NDSL): Listed on inventory.

PHILIPPINE INVENTORY (PICCS): Not determined.

Regulation on combustible liquids: N/A

Class according 2009/104/EG (BetrSichV): N/A

Water hazard class: N/A

Storage according TRGS 510 (Storage of hazardous substances in non-stationary containers): N/A

16. Other information

Recommended application: N/A

Relevant R-, H-, and EUH-phrases: N/A

The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and beliefs at the date of the 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 processes.