

MATERIAL SAFETY DATA SHEET

Not Classified as hazardous according to the criteria of NOHSC

Identification

Product Names: Spot-On Temporary Solder Resist

Other Names: Not relevant

UN Number: None allocated

Dangerous Goods Class and Subsidiary Risk: None

Hazchem Code: None allocated

Poisons Schedule Number: None allocated

Use:

Spot-On is a temporary solder resist. This product should not be immersed in chlorinated or fluorinated solvents as they may cause the Spot-On to become sticky and peelable.

Physical Description/Properties

Appearance: Opaque white liquid with an ammoniacal smell.

Melting point: Not applicable

Boiling point: 100°C (approximately)

Flash point: Not applicable

Vapour pressure: 23.8 mmHg at 25°C

Specific gravity at 25°C: 1.00

Solubility in water: Miscible

Other Properties

pH value: Not applicable

Stability: Stable under normal conditions of use

Haz. Polymerisation: Will not occur

Materials to avoid: Strong oxidising agents

Ingredients

Name	CAS	Proportion
Natural rubber latex, stabilised with ammonia		60-100%
Filler		0-30%
Gelling agents		0-30%

Health Hazard Information

Health Effects

Acute

Swallowed: The liquid may coagulate in the stomach causing irritation.

Eye: Liquid splashes may irritate the eyes.

Skin: Skin contact may cause irritation.

Inhalation: The ammonia present in the rubber latex as a stabiliser may irritate the respiratory tract.

Chronic

Prolonged skin contact may cause irritation.

First Aid

Swallowing: DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

Eye: If contact with eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms develop seek medical attention.

Skin: Wash affected area with soap and water. If skin irritation develops seek medical attention.

Inhalation: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

Advice to Doctors: Dermatitis may result from prolonged or repeated exposure.

Precautions For Use:

Exposure Limits:

No exposure standards have established for this material by the National Occupational Health and Safety Commission (NOHSC).

Information on monitoring strategies and methods can be found in the following publications:

NOHSC: 1003 - Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Occupational Health and Safety Commission, Australia.

Engineering Controls

Local exhaust ventilation system may be required.

Personal Protection

Respirator: If engineering methods are not effective in controlling airborne exposure, then respiratory protective equipment should be used which is suitable for protection against ammonia fumes. Reference should be made to Australian Standards *AS/NZ 1715 - Selection, Use and Maintenance of Respiratory Protective Devices*, and *AS/NZ 1716 - Respiratory Protective Devices*.

Gloves: Butyl or nitrile gloves are recommended when using this product.

Eye protection: Safety glasses or goggles should be worn when transferring the liquid or at any time there is a risk of splashing. Refer to Australian Standard *AS/ANZ 1337 - Eye Protectors for Industrial Applications*.

Clothing: Suitable workwear should be worn to protect personal clothing.

Flammability

Spot-On is water based and cannot be ignited. The dried film will burn, at temperatures in excess of 300°C, natural rubber will break down to volatile flammable products.

Safe Handling Information

Storage: The product should be stored in a cool, dry, well ventilated area away from direct sunlight. Protect the product from frost.

Transport: The product is not hazardous for transport.

Spills: Increase ventilation. Evacuate all unnecessary personnel. Wear appropriate protective clothing to minimise eye and skin exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt on to spill. Collect the material and place into a suitable labelled container. Mop up the remaining material and place into the same container.

Disposal

Product Disposal: The liquid material should not be allowed to contaminate drains or surface waters without pre-treatment. Pre-treatment will normally consist of coagulation and separation of the solid which is treated as solid waste. Care should be taken in handling this solid waste if acid coagulation is used.

Container Disposal: Labels should not be removed from containers until they have been cleaned. Containers should be cleaned by appropriate methods and then re-used or disposed of by incineration or landfill as appropriate.

Fire Explosion Hazard

Extinguishers: Use water, foam or dry agent.

Special fire fighting procedures: Firefighters should wear full protective clothing and self contained breathing apparatus operated in positive pressure mode. Use water spray to keep exposed containers cool.

Combustion products: Product will produce carbon dioxide, carbon monoxide and sooty smoke.

Stability and Reactivity: This product may react violently strong oxidising. Acids will cause the rubber latex to coagulate.

Other Information

Ecotoxicity Data

Natural rubber is inherently biodegradable. The rate of degradation is modified by other components used in the manufacture of the latex.

The information presented in this safety data sheet is accurate to the best knowledge and belief of Prime Electronic Components Pty Ltd. As we cannot anticipate all

conditions under which this information and our products or the products of other manufacturers in combination with our products this safety data sheet cannot constitute the users assessment of workplace risk. Users are advised to make their own tests to determine the safety and suitability of each product or product combination for their own purposes.

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