

Material Safety Data Sheet NEUTRON NEUKLAD

COMPANY DETAILS

Company Name: PPG Industries – Prominent Paints (Pty) Ltd

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Emergency telephone no.: **Spill Emergency:** 0800 17 07 43 (Rapid Spill Response)
Health Emergency: 0800 33 3444 (Poison Control Centre)
E-mail address: info@prominentpaints.co.za

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1. PRODUCT AND COMPANY IDENTIFICATION:

Trade name: NEUTRON NEUKLAD

Product use: Painting

Common Name: NEUTRON NEUKLAD

Chemical family: WATER BASED ACRYLIC PAINT **Chemical name:** N/A

Synonyms: N/A **CAS No. :** N/A

UN no.: N/A **Proper shipping name:** N/A

Hazard Class: N/A **Packing Group:** N/A

2. PRODUCT COMPOSITION:

EEC classification: Water based, non-hazardous paint related mixture.

Hazardous components: None known

Components	CAS #	Concentration	Risk Phrase
Acrylic Emulsion	N/A	30-70%	N/A
Pigments	N/A	Up to 50%	R20/21
Water	7732-18-5	10-30 %	
Ingredients determined not to be hazardous		to 100%	

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3. HAZARDS IDENTIFICATION:

Main hazard: A mixture constituting non-hazardous chemical substances.

SAPMA Health Rating: 3-SLIGHT – Irritation or minor reversible injury possible

Inhalation: None

Skin: May cause slight irritation.

Eyes: Over-exposure may cause slight physical irritation.

Ingestion: None Known

No carcinogenic, mutagenic or genetic effects established

Potential Acute Health Effects: None known

4. FIRST-AID MEASURES

Product in eye: Check for and remove any contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician, if eye irritation persists.

Product on skin: Wash off with soap and plenty of water as a precaution, while removing all contaminated clothes and shoes. If symptoms persist or in all cases of doubt, seek medical advice.

Product ingested: If swallowed, drink 1 to 2 glasses of water. Call a physician if necessary. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Product inhaled: Remove to fresh air. If in doubt or if symptoms persist, seek medical advice.

Notes to the Physician and special treatment: Treat symptomatically. Contact poison control centre

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Not combustible, however if material is involved in a fire.

Use extinguishing media appropriate for the surrounding materials. Use water with care to avoid possible violent production of steam.

Protective Clothing: Be sure to use an appropriate/certified respirator or equivalent

Avoid breathing vapours. Keep upwind. Fight fire from maximum distance. Beware of toxic fumes. Dyke fire water for later disposal. Remove containers from fire at first safe opportunity.

Hazards from combustion products: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning, thermal decomposition could yield acrylic monomers.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: only use approved and appropriate protective clothing before handling any spilled materials. Safety glasses, goggles or face shield, impervious gloves. Material can cause slippery conditions.

Environmental precautions: Contain and collect. Use an Inert material (not saw dust). Keep waste separate for disposal. Do not allow material to contaminate ground water system.

Evacuate personnel to safe areas. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Do not flush into surface water or sanitary sewer system. Wash spillage area with water. Spillage or uncontrolled discharge into watercourses must be reported to the appropriate regulatory body.

Small spills: Slippery when wet. Dilute with water and mop up, or absorb with an inert material, collect spilled material and transfer into a suitable marked container. Wash the spilled area with water.

Large spills: Slippery when wet. Prevent spilled product from entering drains, sewers and water courses. Attempt to contain spill in the area of leak. Remove none compatible materials. Large spillages should be dammed-off and pumped into containers; soak up remainder and dispose of in accordance with local regulations. Do not wash into sewer. Do not flush spilled material into sewer or drains. Keep spectators away. Notify the appropriate Government department.

7. HANDLING AND STORAGE

Handling/storage precautions: Store at temperatures not exceeding 40°C and out of direct sunlight. Avoid contact with skin, eyes and clothing. Store in sealed original containers, well-aired, fresh and dry storage rooms and warehouse or in shaded and possibly well ventilated.

Keep away from direct sunlight, food, seed, animals, children and uninformed persons.

Store in a segregated and approved area and keep containers tightly closed and sealed until ready for use.

Keep out of reach of children.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limits: PPE: Eye protection and Gloves
 Inhalation: NOTES (SECTION 3)
 Skin: Use barrier cream and impervious gloves.
 Eyes: Use goggles. Avoid direct contact.
 Ingestion: Observe the rules for hygiene. Wash before eating, drinking or smoking.

OEL Type: Mix-Mixture-See SECTION 2

Engineering control measures: For occupational exposures, ensure adequate ventilation and use outdoors in a well-ventilated area. The mixing and loading of mixtures into equipment must be carried out on an impervious pad (i.e. concrete slab, plastic sheeting) large enough to catch any spilled material.
 If spills occur, contain the spill by using an absorbent material (e.g. sand, earth or synthetic absorbent). Dispose of the contaminated absorbent material by placing in a plastic bag and following disposal instructions on this MSDS.

PEL= Permissible Exposure Limits Average (8 hr.)	TWA= Time Weighted
TLV= Threshold Limit Value Exposure Limit (15 min.)	STEL= Short Term
EL= Excursion Limit Workplace Environmental Exposure Level	WEEL=

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Auto flammability:	Non-flammable
Colour and Appearance:	Coloured	Explosive properties:	N/A
Odour:	Characteristic odour	Oxidizing properties:	Not Determined
pH:	7.5-9.0	Vapour pressure:	Not determined
Boiling point:	Approx. 100°C	Density:	1.0-1.3
Melting point:	N/A	Solubility - water:	Soluble
Flash point:	N/A	Solubility - solvent:	Miscible
Flammability:	Non Flammable	Solubility coefficient	Not Determined
Specific gravity			

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10. STABILITY AND REACTIVITY

Stability and reactivity: This product is stable under the recommended storage conditions and normal conditions of use.

Conditions to avoid: Avoid contact with foodstuffs.

Hazardous decomposition products: Combustion products include steam and oxides of carbon and possibly other unidentified organic compounds.

Hazardous reactions: None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation.

Inhalation: Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

No carcinogenic, mutagenic or genetic effects established.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. May cause undesirable effects to aquatic organisms

13. DISPOSAL CONSIDERATIONS

Disposal methods: Try to prevent the material from entering drains or water sources do not discharge effluent containing this product to sewer systems.

Dispose of only in accordance with local, national and international regulations, guidelines and treaties. Dispose of in approved landfill. Do not contaminate any lakes, streams, ponds, groundwater or soil.

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Do not contaminate crops, grazing, rivers, oceans or dams with chemical or used container. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public water.

Disposal of packaging: Rinse empty container thoroughly, securely wrap empty container in several layers of newspaper or flatten the container and discard in trash or recycle.

Dispose of in approved landfill or preferably in an incinerator. Do not re-use empty containers.

Wear appropriate personal protective equipment when cleaning or handling waste material.

14. TRANSPORT INFORMATION

UN no.:	N/A
ADR/RID class:	Not regulated (Not dangerous for transport)
Packing Group:	N/A
ADR/RID item no.:	N/A
ADR/RID hazard identity no.:	N/A
IMDG - shipping name:	Not regulated (Not dangerous for transport)
IMDG - class:	N/A
IMDG - packaging group:	N/A
IMDG - marine pollutant:	Not regulated (Not dangerous for transport)
IMDG - EMS no.:	Not available
IMDG - WAG tabel no.:	N/A
IATA - shipping name:	Waterbased, non-hazardous paint related mixture
IATA - class:	N/A
IATA - subsidiary risk(s):	N/A

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15. REGULATORY INFORMATION.

EEC hazard classification: Non-hazardous

Contains mixture of non-hazardous classified: Acrylic emulsion and pigments

Safety phases: S2: Keep out of the reach of children
S7: Keep container tightly closed
S24: Avoid contact with skin
S35: This material and its container must be disposed of in a safe way

National legislation: Occupational Health and Safety Act no 85 of 1993 (Republic of South Africa)
Hazardous Chemical Substance Act:
National Road Traffic Act no 93 of 1996
Party to the Basel Convention 05.05.1994 (a)

16. OTHER INFORMATION

NB. Read and understand all the information on the product label before using the product.

- This product should only be used as directed on the label and for the purpose intended.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

All information and instructions provided in the Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical data and knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. It is the responsibility of persons in receipt of this MSDS to ensure that the information herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product

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