



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Product Name: Coolheat Shield-NF
Product Description: Water-borne Emulsion Paint For Internal
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SECTION 2: INFORMATION ON COMPONENTS

| <u>COMPONENT</u> | <u>%</u> | <u>C.A.S. NO.</u> | <u>CHEMICAL NAME</u> |
|-------------------|----------|-----------------------|-------------------------------------|
| Water | 25-35 | 7732-18-5 | Water |
| Inorganic Pigment | 50-65 | 471-34-1 , 13463-67-7 | Calcium Carbonate, Titanium Dioxide |
| Additive | 10-20 | 68333799 | Ammonium Polyphosphate |
| Synthetic Polymer | 10-20 | 25085-34-1 | Styrene Acrylic Co-Polymer |

SECTION 3: HAZARDS IDENTIFICATION

Poisons Schedule: None Allocated

SECTION 4: FIRST AID MEASURES

Inhlation : Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin. If irritation occurs, seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs, give further water. Seek medical assistance.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards: Non-combustible

Fire-fighting advice: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Not combustible, however, if material is involved in a fire, use; Water fog or fine water spray, foam, dry agent (carbon dioxide, dry chemical powder).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain -prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred, advise local emergency services.

SECTION 7: HANDLING AND STORAGE

Handling advice: Avoid eye contact and repeated or prolonged skin contact.

Storage advice: Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. No Exposure Standards assigned to other constituents. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Control Measures:

Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.

Personal Protective Equipment:

Wear overalls, safety glasses and impervious gloves. If risk of inhalation exists, wear organic vapour / particulate respirator. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------|-----------------|
| PHYSICAL STATE | Fluid |
| COLOUR | Off White |
| ODOUR | Mild |
| SOLUBILITY | Partly Miscible |
| SPECIFIC GRAVITY | 1.35±0.2 / 25°C |
| FLASH POINT(°C) | N.A. |
| IGNITION TEMPERATURE (°C) | N.A. |
| SELF-INFLAMMABILITY | N.A. |
| SOLUBILITY IN WATER (G/L) | Partly Miscible |
| MELTING POINT / RANGE(°C) | N.A. |
| BOILING POINT / RANGE(°C) | N.A. |
| DECOMPOSITION POINT(°C) | N.A. |
| PH | 7-9 |
| VISCOSITY | 85±10 KU / 25°C |
| EVAPORATION RATE | N.A. |
| TOTAL SOLID CONTENT | 60±5% |

SECTION 10: STABILITY AND REACTIVITY

Stability

: No information available

SECTION 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 over-exposure 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.

Long Term Effects: No information available for the product

The components in the proportions present are not considered to present a hazard under conditions of good occupational work practices.



SECTION 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Refer to local Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Environmental Pollution Control Act for transport by Road and Rail

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15: REGULATORY INFORMATION

This product does not contain any hazardous materials that are listed in the schedule of the Environmental Pollution Control (Hazardous Substances) and does not require a poison license to purchase the product.

SECTION 16: OTHER INFORMATION

Nil

THIS MSDS SUMMARISES TO OUR BEST KNOWLEDGE AT THE DATE OF ISSUE, THE CHEMICAL HEALTH AND SAFETY

HAZARDS OF THE MATERIAL AND GENERAL GUIDANCE ON HOW TO SAFELY HANDLE THE MATERIAL IN THE WORKPLACE.

SINCE SETSUDEN ECO SHOP CANNOT ANTICIPATE OR CONTROL THE CONDITIONS UNDER WHICH THE PRODUCT MAY BE USED, EACH USER MUST, PRIOR TO USAGE, ASSESS AND CONTROL THE RISKS ARISING FROM ITS USE OF THE MATERIAL.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED, THE USER SHOULD CONTACT US.

SETSUDEN ECO SHOP'S RESPONSIBILITY FOR THE MATERIAL AS SOLD IS SUBJECT TO THE TERMS AND CONDITIONS OF SALE.