2507 HR Ind Aluminium 400-450 C

Safety Datasheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HR Ind Aluminium 400-450C
Recommended Use: Protective coating. Applied by spray or brush
Supplier: Tara Paints & Chemicals
Street Address: A/423/14, Mahagujarat Industrial Estate, Moraiya, Ahmedabad - 382210
Telephone Number: +918000011774

2. HAZARDS IDENTIFICATION

Risk Phrases: Flammable. Harmful by inhalation and in contact with skin. Irritating to skin.
Safety Phrases: Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Do not empty into drains. Use only in well-ventilated areas.
Poisons Schedule: None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Xylene	1330-20-7	30-60%	R10 R20/21 R38
Solvent naphtha (petroleum), light arom.	64742-95-6	1-<10%	R65
Ethyl alcohol	64-17-5	1-<10%	R11
Ingredients determined not to be hazardous		to 100%	

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre or a doctor.
Inhalation:
Remove victim from the area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow the patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. If the patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if the patient is not breathing. Seek immediate medical advice.
Skin Contact:
If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
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, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Medical attention and special treatment:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:
Flammable liquid. On burning will emit toxic fumes, including those of oxides of carbon and hydrogen chloride.
Precautions for firefighters and special protective equipment:
Keep containers cool with water spray. If safe to do so, remove containers from the path of the fire. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if the risk of exposure to vapour or products of combustion.
Suitable Extinguishing Media:
Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.
Hazchem Code: · 3Y

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:
If contamination of sewers or waterways has occurred advise local emergency services.
Methods and materials for containment and clean up:
Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work upwind or increase ventilation. Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Conditions for safe storage:
Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling:
Avoid skin and eye contact and breathing in vapour, mists and aerosols. May form flammable vapour mixtures with air. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Flameproof equipment is necessary for all areas where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to the source of ignition and flashback.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):
Ethyl alcohol: 8hr TWA = 1880 mg/m3 (1000 ppm)
Trimethyl benzene: 8hr TWA = 123 mg/m3 (25 ppm)
Xylene (o-, m-, p- isomers): 8hr TWA = 350 mg/m3 (80 ppm), 15 min STEL = 655 mg/m3 (150 ppm)
As published by the National Occupational Health and Safety Commission.
No Exposure Standards assigned to other constituents.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday. According to current knowledge, this concentration should neither impair the health of nor cause undue discomfort to, nearly all workers.
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 controls:
Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.
Personal Protective Equipment:
The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. Personal Protection: G - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, RESPIRATOR. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Viscous liquid
Colour: Coloured
Odour: Solvent
Solubility: Soluble in organic solvents. Insoluble in water.
Specific Gravity: 1.1-1.3 @20°C
Relative Vapour Density (air=1): >1
Vapour Pressure (20 °C): Not available
Flash Point (°C): 27 (Xylene)
Flammability Limits (%): Not available
Autoignition Temperature (°C): Not available
%Volatile by Weight: Not available
Solubility in water (g/L): Negligible
Melting Point/Range (°C): Not applicable
Boiling Point/Range (°C): Not available
Decomposition Point (°C): Not available
pH: Not applicable
Viscosity: Not available
Evaporation Rate: Not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions to avoid: Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame.
Incompatible materials: Incompatible with oxidising agents.

Hazardous decomposition products:
Oxides of carbon. Hydrogen chloride.
Hazardous reactions: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled by this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are
Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is a greater likelihood of the patient breathing in vomit and causing damage to the lungs. Breathing in vomit may lead to aspiration pneumonia (inflammation of the lung).
Eye contact: May be an eye irritant.
Skin contact: Contact with skin will result in irritation. Will have a degreasing action on the skin.
Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Inhalation: Material may be irritant to the mucous membranes of the respiratory tract (airways).
Breathing in the vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of coordination, impaired judgement and if exposure is prolonged, unconsciousness.
Long Term Effects:
No information is available for the product.
Toxicological Data: No LD50 data available for the product. For the constituent Xylene(1):
Oral LD50 (rat): >2000 mg/kg
Dermal LD50 (rabbit): >2000 mg/kg
Inhalation LC50 (rat): >20 mg/L/4 Hrs
SKIN: Moderate irritant (rabbit).

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods:
Refer to the Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Road and Rail Transport
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.
UN No: 1263
Class-primary 3 Flammable Liquid
Packing Group: III
Proper Shipping Name: PAINT

Hazchem Code: · 3Y
Marine Transport
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.
UN No: 1263
Class-primary: 3 Flammable Liquid
Packing Group: III
Proper Shipping Name: PAINT
Air Transport
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods
Regulations for transport by air; DANGEROUS GOODS.
UN No: 1263
Class-primary: 3 Flammable Liquid
Packing Group: III
Proper Shipping Name: PAINT

15. REGULATORY INFORMATION

Classification: This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.
Hazard Category: Xn: Harmful
Xi: Irritant
Risk Phrase(s): R10: Flammable.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
Safety Phrase(s): S16: Keep away from sources of ignition - No smoking.
S24/25: Avoid contact with skin and eyes.
S29: Do not empty into drains.
S51: Use only in well-ventilated areas.
Poisons Schedule: None allocated.
All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reason(s) for Issue:
This safety data sheet has been prepared by Tara Paints & Chemicals. This SDS 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 Tara Paints & Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, before usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Tara's representative or Tara Paints & Chemicals responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.