



SPECIALISED AUTOMOTIVE EQUIPMENT / HEAVY HARD PARTS

SAFETY DATA SHEET

Hazardous Substance, Dangerous Goods

FHT

1. Identification of the material and supplier

Names

Product name : FHT
 Supplier : SPECIALISED EQUIPMENT PTY LTD
 30 GOODYEAR DRIVE
 THOMASTOWN VIC. 3074
 TELEPHONE: (03) 9464 5144

Emergency telephone number : Normal Office Hours: Monday to Friday 8.00 to 4.00 pm (EST), (03) 9464 5144
 Poisons Information Centres: 13 11 26 (Australia wide)
 Emergency Services: 000 or Refer to Local Telephone Directory

Uses

Material uses : Hot Tank Powder
 Date of issue : 28th-JANUARY-2022

2. Hazards identification

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classifications

Corrosive to Metals - Category 1
 Skin Corrosion/Irritation - Category 1A
 Serious Eye Damage/Irritation - Category 1
 Specific Target Organ Toxicity (Single Exposure) - Category 3
 Respiratory Tract Irritation Acute Hazard to the Aquatic Environment - Category 3
 Chronic Hazard to the Aquatic Environment - Category 3

Hazard Statements

H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H335 May cause respiratory irritation.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements Prevention

P102 Keep out of reach of children.
 P103 Read label before use.
 P234 Keep only in original container.
 P260 Do not breathe dust, fume, gas, mist, vapours or spray.
 P261 Avoid breathing dust, fume, gas, mist, vapours or spray..
 P264 Wash hands, face and all exposed skin thoroughly after handling.
 P273 Avoid release to the environment.

Response

P280 Wear protective clothing, gloves and eye/face protection.
 P101 If medical advice is needed, have product container or label at hand.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

7. Handling and storage

- Handling : Do not add water directly to product. Slowly stir product into water. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.
Keep away from incompatibles, such as acids, metals and ammonium salts.
- Material Compatibility : Incompatible with acids, aluminium, zinc & tin.

8. Exposure controls/personal protection

Occupational exposure limits

<u>Ingredient name</u>	<u>Exposure limits</u>
Sodium Hydroxide	NOHSC (Australia, 7/2003) AMP: 2mg/m ³ 15 minute(s). Form: All forms.

- Engineering measures : Local exhaust ventilation should be provided.
- Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
- Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Eyes : Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
- Hands : Use chemical resistant, impervious gloves. Recommended: Elbow length PVC gloves.
- Respiratory : If ventilation is inadequate, use respirator that will protect against organic vapour and dust/mist. Respiratory protection should conform to AS/NZS 1715 AND AS/NZS 1716.
- Skin : Use synthetic apron, other protective equipment as necessary to prevent skin contact.

9. Physical and chemical properties

- Physical state : Solid. (Powder.)
- Colour : White
- Odour : Characteristic odour
- Boiling point : -
- Melting Point : -
- Vapour pressure : -
- Specific gravity : approx 1.20
- Flash point : n/a
- Vapour density : n/a
- pH 1% : 12.0-13.0
- Solubility : Easily soluble in cold water, hot water.

10. Stability and reactivity

- Stability : The product is stable under normal ambient conditions of temperature and pressure.
- Conditions to avoid : Direct sunlight.
- Materials to avoid : Acids, metals, ammonium salts.
- Hazardous Reactions : Reacts with ammonium salts evolving ammonia gas. Exposure to light and heat accelerates decomposition.

11. Toxicological information

Sodium Hydroxide

Animal Toxicity:

- Oral LDLO Rabbit: 500 mg/kg
- Skin, Rabbit, Adult, 500 mg/24h Severe irritation
- Eye, Rabbit, Adult 50mg/24h Severe irritation
- Intra peritoneal, Mouse, LD50 40mg/kg

Potential acute health effects

- Inhalation : Severely corrosive to the respiratory system.
- Ingestion : Causes severe burns.
- Skin contact : Severely corrosive to the skin.
- Eye contact : Severely corrosive to the eyes.

Potential chronic health effects

Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity data : Not available
Persistence/ : Not available
Degradability
Mobility : Not available
Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of via a licensed waste disposal contractor.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	1759	CORROSIVE SOLID N.O.S.	8	II	<u>Hazchem code</u> 4WE <u>Poisons schedule</u> S6

15. Regulatory information

Australian Inventory Status : All substances are listed on AICS or exempt.

Standard for the Uniform Scheduling of Drugs and Poisons
Schedule S6

Control of Scheduled Carcinogenic Substances

Ingredient name : No listed substance
Schedule : n/a

16. Other information

Prepared by : David Greasley
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Change Made : New GHS Format

The information contained herein is to the best of our knowledge correct and complete. It is meant to describe safety requirements of this product and no warranty, express or implied is made as to its fitness for a particular purpose or any other nature as to the product to which it refers.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.