

Rustmaster Pty Ltd

Universal-Tar

material safety data sheet

Hazardous according to criteria of Worksafe Aust.

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PART 1: IDENTIFICATION

PRODUCT NAME: Rustmaster U-TAR
OTHER NAME: General Purpose Cutback Bitumen Paint
MANUFACTURER'S PRODUCT CODE: Rustmaster U-TAR
3

UN No: 1999

DANGEROUS GOODS CLASS:

PACKAGING GROUP: III

SUB RISK: None Allocated

MAJOR USES:

General purpose Bituminous paint

HAZCHEM: 2W

METHOD OF APPLICATION: Roller, Brush or spray

POISONS SCHEDULE: None Allocated

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Black Paint – characteristic odor
PACK SIZES (S): 20L, 250L
BOILING POINT (*C): 150
MELTING POINT (*C): Not Applicable
VAPOUR PRESSURE (KILOPASCALS) : Not Applicable
SPECIFIC GRAVITY @ 25*C : 0.92
SOLUBILITY IN WATER (%BY WT.): Immiscible

FLASH POINT (*c)-METHOD 37 (Closed cup)

FLAMMABILITY LIMITS IN AIR (% VOLUME):

LOWER
1

UPPER
7

OTHER PROPERTIES

SHOCK SENSITIVITY: Not Applicable
OXIDISING PROPERTIES: Avoid Oxidising Agents
AUTOIGNITION TEMPERATURE: Not Applicable
EVAPORATION RATE (BUTYLACETATE=1): Not available
pH. : 6-7
% VOLATILE ORGANIC COMPOUNDS: 50
SOLUBILITY IN ORGANIC SOLVENTS : Not Available

CORROSIVENESS: Not Applicable
REACTIVITY: Not Available
VAPOR DENSITY (air = 1) = 4

ODOUR THRESHOLD: Not Available

BULK DENSITY : Not applicable

HAZARDOUS INGREDIENTS

CHEMICAL NAME

BITUMEN
LIQUID HYDROCARBONS

CAS NUMBER

(8052-42-4)
(8042-47-5)

PROPORTION

11-<60%
11-<60%

CLOTHING PROTECTION – wear industrial-type work clothing and safety footwear, protective gloves and recommended breathing apparatus.

FLAMMABILITY

The product is flammable and may be ignited by flame, sparks or non-flameproof electrical equipment at temperatures above its flash point. Do not use close to ignition sources or unventilated areas.

PART 4: SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

DANGEROUS GOODS

CLASS – 3

SUB RISK: None Allocated

Storage should be as for a manufactured product containing flammable liquid. Store in areas/building designed to comply with the appropriate dangerous goods regulations. Protect from physical damage. Keep container closed when not in use. Do not use pressure to empty drums.

Transport should be in accordance with the Australian code for the transport of dangerous goods by road and rail.

SPILLS AND DISPOSAL

STEPS TO TAKE TO MINIMISE A SPILL OR LEAK.

Do NOT allow the product to enter drains or watercourses.

Clean up crews should wear protective clothing i.e., PVC gloves, safety shoes, eye protection.

If there is no risk involved, stop leaks.

Stay upwind; remove any source of ignition.

Wherever possible spilt material should be recovered into a sound container

For small spill – all the residue should be absorbed onto a suitable absorbent such as earth, sand or sawdust.

For large spill – contain the spill by using booms, etc. Inform regulatory authorities immediately (e.g. Fire Brigade, EPA).

WASTE DISPOSAL METHOD

Wherever possible, reprocess or recycle any reclaimed material to reduce waste.

Contained spills need to be soaked up and disposed into a metal container (avoid using plastic containers).

The absorbed material may be disposed of as solid waste in conformity with the requirements of the Regulatory Authorities.

FIRE AND EXPLOSION HAZARD

Closed containers may explode when exposed to extreme heat (fire). This product will emit flammable vapors if exposed to extreme heat.

Will produce toxic fumes when burning.

HAZCHEM CODE 2W

FIRE EXTINGUISHING MEDIA Dry chemical, foam, carbon dioxide, and water fog.

SPECIAL FIRE FIGHTING PROCEDURES As for Cutback Bitumens. Fire fighters should use breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS Bitumen products give off dense vapors when heated strongly. Vapors may cause headaches, dizziness, irregular breathing and confusion when inhaled.

This Material Safety Data Sheet has been compiled in accordance with the Worksafe Australia National Code of Practice for the preparation of Material Safety Data Sheets (NOHSC:2011 1994)).

Where applicable specific chemical composition details are provided to allow the product to be classified according to UN Number, HAZCHEM coding etc.

The information contained herein is based on the data available to RUSTMASTERS P/L from both our technical sources and from recognized published references and is believed to be both accurate and reliable.

RUSTMASTER PTY LTD has made no effort to censor nor to conceal deleterious aspects of this product. Since we cannot anticipate or control the many different conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm whether they are appropriate.

Due care should be taken to make sure that the use or disposal of the product is in compliance to the appropriate Federal, State and Local Government regulations.

Hazardous according to criteria of Worksafe Australia.

PART 2: HEALTH HAZARD INFORMATION

HEALTH EFFECTS

TLV for Liquid Hydrocarbons = 100 ppm

ACUTE

SWALLOWED: Ingestion of material may cause gastrointestinal disturbance, including irritation, nausea and vomiting.

EYES: Direct eye contact may cause irritation and or corneal changes

SKIN: Contact with skin may result in skin reactions

INHALATION: Inhalation of vapors may cause headaches and/or dizziness. Overexposure to vapor may result in respiratory tract irritation.

Threshold limit value for Liquid Hydrocarbon is approx. > 100 ppm

CHRONIC: Overexposure to high vapor concentration may cause irregular breathing, collapse and coma.

FIRST AID

SWALLOWED: Do not induce vomiting. Give a glass of water. SEEK MEDICAL AID.

EYES: Flush thoroughly with water for at least 15 minutes. IF IRRITATIONS PERSISTS, SEEK MEDICAL AID.

SKIN; Remove contaminated clothing. Wash skin thoroughly with soap and water.

INHALATION: Remove from exposure. Apply artificial respiration if not breathing. SEEK MEDICAL AID.

FIRST AID FACILITIES: First Aid kit to be located on site at all times.

ADVICE TO DOCTOR: Product may be removed using cotton wool pads soaked in castor oil or hand cleaner.

Treatment should be directed at the control of symptoms/conditions.

PART 3: PRECAUTIONS FOR USE

Exposure Standards

TLV-Liquid Hydrocarbons – 100/ppm

ENGINEERING CONTROLS

- a) Process modification to eliminate substance –Not Applicable
- b) Segregation of processes from personnel and/or distance Not Applicable.
- c) Vessel Containment Controls – Not Applicable
- d) Enclosure of sources of substances to the maximum extent possible- Not Applicable
- e) Mechanical handling to reduce human contact with substance – the use of forklifts to load/unload drums and/or pallets should be used whenever possible.
- f) Is a Local Exhaust Ventilation – In open areas mechanical ventilation is not normally required. In enclosed areas.
- g) Dilution Ventilation – In open areas mechanical ventilation is not normally required. In enclosed areas, provide sufficient dilution exhaust ventilation to minimize exposure limits and flammable vapour concentrations.

PERSONAL PROTECTION: Respiratory protection – in poorly ventilated areas, a respirator suitable for organic vapors should be used. Air supplied respirators should be used in areas with inadequate oxygen and high vapor concentrations.

Glove Type – PVC gloves should be used when handling material.

Eye Protection – use close fitting chemical safety goggles, otherwise use safety glasses fitted with side shields.

If splashing is possible use a face shield over safety glasses as added protection.

This information is based on data believed by Rustmasters Pty Ltd to be accurate at the time of writing but subject to change without notice. It is given in good faith but no warranty expressed or implied is made concerning its detailed accuracy, completeness or otherwise. Independent determination as to the suitability of the product, by the user, should be made to ensure its correct application and use. We have no control over the conditions under which this product is stored, handled or used, therefore our recommendations must not be regarded as amounting to legal warranty or as involving any liability on us.