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MATERIAL SAFETY DATA SHEET
RUSTMASTERS METALMASTER

Issued 2 July 2011

IDENTIFICATION

Product Name	METALMASTER
UN NUMBER	1263
Hazchem Code	3(Y)E
Dangerous Goods	Class 3.1
Cas No	N/A
Sub Risk	N/A
Poisons Schedule	S5 (federal)
Packaging Group	111
Packaging sizes	4 lt tins 20 lt pails

MANUFACTURERS PRODUCT CODE **RMMTM**

USE

Quick drying corrosion resisting paint for clean and lightly rusted steel. Single product applications, and over Rustmasters as a tough U V stable protective system.

INGREDIENTS

CHEMICAL	CAS NO	UN NO	PROPORTION
Phenolic Resins	67989-32-6	1263	low
White spirits	64742-82-1	1300	medium
Alkyd Resins	68459-31-4	1993	medium
Butanol	71-36-3	1120	low
Aromatic hydrocarbon	64742-95-6	1993	low
Vegetable oil	8001-79-4	none	low
Vegetable oil	67989-32-6	none	low
Surface active agent	64742-63-8	none	low
Leaf aluminium	7429-90-5	1325	medium
Zinc Phosphate	7779-90-0	none	low

Proportions Low 1%-9% Medium 10%-29%

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE

A volatile viscous coloured liquid with a mild odour.

FLASHPOINT	: -6°C (CLOSED CUP - LITERATURE VALUE)
AUTO-IGNITION TEMPERATURE	: 250°C
BOILING RANGE	: 95°C - 130°C
VAPOUR PRESSURE	: >1
MELTING POINT	: NOT KNOWN
EXPLOSIVE LIMITS	: LEL 1.0 UEL 3.5
VOLATILE COMPONENT	: Organic solvents
SPECIFIC GRAVITY	: 1.0
FORM	: LIQUID

OTHER PROPERTIES

CORROSIVENESS

This product is anti corrosive (i.e. not corrosive)

OXIDISING PROPERTIES

Not applicable

REACTIVITY WITH COMMON SUBSTANCES

May react with strong acids and alkalines

ODOUR THRESHOLD

Very Low. Toxic components could be present without warning

HEALTH HAZARD INFORMATION

HEALTH EFFECTS - ACUTE:-

SWALLOWED;

Clear all airway passages, remove victim from area if contaminated. If unconscious apply resuscitation, do not induce vomiting, give clear water to drink, keep victim warm. Remove all contaminated clothing; loosen tight clothing. Seek medical aid immediately.

EYE.

Flush continuously with copious amounts of clean fresh water for fifteen minutes. Seek medical assistance if unable to remove completely.

SKIN

Remove paint using proprietary industrial cleaner, wash skin thoroughly with soap and water until no trace remains. Remove contaminated clothing and wash before re-use. If skin irritation occurs seek medical advice.

INHALATION

Remove person from fumes as soon as possible, avoid becoming a casualty, preferably to an open shaded area. Remove all contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position, making sure they are kept warm and rested. Keep at rest until fully recovered. Seek medical advice if effect persists longer than 15 - 20 minutes.

FIRST AID

Swallowed.

Lie patient on their side to allow expectoration/saliva flow. Do not induce vomiting. Give clean water only. Seek medical attention. Relocate patient to well ventilated area.

EYE

Irrigate with copious quantities of clean fresh water for at least fifteen minutes. Seek medical assistance if irritation persists or any residue remains.

SKIN

Wash contaminated skin with soap and water. Remove contaminated clothing and wash before re-use. If irritation re-occurs seek medical advice.

INHALATION

Remove patient from exposure, avoid becoming a casualty yourself. 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 assistance if effects persist.

INGESTION

Give water to ease mild irritation. DO NOT INDUCE VOMITING. Seek immediate medical assistance.

ADVICE TO DOCTORS

Treat symptomatically based on judgement of doctor and individual reactions of patient.

TOXICITY

No LD50 data available for product. Indications are that the toxicity is related to the solvent phase. They may irritate skin, eyes and respiratory system. Inhalation of high vapour concentrations can produce central nervous system depression, which can loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness and possible death.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No value assigned for this specific material by the National Health and Medical Research Council. The TLV data for the solvent constituents are:-

White Spirit	-TLV 100ppm; 525mg/m ³
Solvesso	-TLV 50ppm; 250mg/m ³
Butanol	-TLV 50ppm; 790mg/m ³

TLV is the time weighed average concentration of the work atmosphere for a normal eight(8) hour work day and a forty(40) hour work week to which nearly all workers may be repeatedly exposed day after day, without adverse effect.

VENTILATION

Use with adequate ventilation. Vapours are heavier than air, prevent concentration in hollows and sumps. DO NOT enter confined spaces where vapour may have collected.

ENGINEERING CONTROLS

Rustmasters MetalMaster can be applied by brush, roller, airless or conventional spray. Ensure ventilation is adequate to maintain air concentration below exposure limits. Containers which are expanded should be treated with extreme care. Lid can be punctured with non sparking tools to release pressure. Cover top with material before puncturing.

Personal protection

Whilst "Metalmaster" is a low mild irritant it is advisable to take the following precautions for personal protection and safety.

1. When handling "MetalMaster" use approved PVC/rubber gloves and wrap-around eye protection.
2. When spraying, wear dust masks and wrap-around eye protection.

Flammability:

FLAMMABLE, All potential sources of ignition (open flames, pilot lights, furnaces, and spark producing switches and other electrical equipment) must be eliminated both in and near the work area. DO NOT SMOKE.

SAFE HANDLING INFORMATION.

Storage / Transport:

Not to be loaded with flammable gases (class 2.1) in bulk, poisonous gases (class 2.3), spontaneously combustible substances (class 4.2) or oxidising agents (class 5). Store away from sources of heat or ignition. Keep containers closed at all times when not in use. When used outside, store in shaded area.

Packaging / Labelling

Un Number (Resin Component):	1263
Dangerous Goods:	Class 3.1
Hazchem Code:	3(Y)E
Poisons Schedule:	None Allocated
Packaging Group:	111

Spills and Disposal

Spills

Shut off all possible sources of ignition. Contain, using sand or earth (excess spillage) absorbs with sawdust, dry sand or cloth/rags. The remainder should be cleaned up with mineral thinners and the area can then be hosed where possible to reduce tackiness/stickiness of the surface and reduce incidence of slipping when wet. Treat small spills as for "the remainder". Whilst "MetalMaster" is not harmful to the skin it is recommended that those persons involved in cleaning up, wear appropriate footwear (gumboots) and rubber gloves. Remove by wiping affected skin contact areas with mild mineral thinner or Turpentine, then wash thoroughly with soap and water until stickiness disappears. Prevent run off into drains and waterways. Collect and seal in properly labeled drums for disposal.

Disposal

Burning is NOT recommended. Refer to State Land Waste Management Authority. Advise of flammable nature. Normally suitable for incineration by approved authority only.

Fire and Explosion Hazard

Flammable liquid. On burning will emit poisons and noxious fumes. Keep containers cool with water spray. Fire Fighters to wear self contained breathing apparatus if risks of exposure to vapour or product combustion exist.

ENVIRONMENTAL HAZARD

RUSTMASTERS™ is a self polymerising resin system, dryers - additives, are cross linked into the structure of polymer films therefore leaching to ground or water is of negligible order to the point of zero.

Fire Fighting Recommendations

Attack the fire from an up-wind position when possible. Use an absorbent -sand, soil or similar. USE CO2, DRY CHEMICAL, BCF, FOAM SAND OR EARTH. DO NOT aim the extinguisher at seat of fire but attack from edge to allow contents of fire extinguisher to "rollover" the fire and blanket the burning material. By attacking the seat (or centre) of the fire, the extinguisher propellant can splatter the burning material over a wider area, causing minor fire outbreaks. To drums/tins of "MetalMaster" within the vicinity of the fire, WATER SPRAY to keep contents cool.

ADVISE THE EMERGENCY SERVICES if the fire is large, or cannot be contained by equipment or personnel available. Fire Fighters should wear respirators of type AS 1716 if the fire is in an enclosed area. Wrap-around safety glasses (As 1337 standards) should be worn.

OTHER INFORMATION

Contact Points

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EMERGENCYA/H

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CONTACT Dick Booth

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