SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: **NEW COAT HIGH TEMP PAINT**
Other Names:
Manufacturer's Product Code: 15-00

Distributor:	Rubbedin Pty Ltd
Emergency Phone No:	0405358685
Regular Phone No:	07-3245 3255
Fax:	07-3245 2554
Email:	rubbedin@rubbedin.com.au
Address:	Unit 1/43 Neumann Road Capalaba QLD 4157

SECTION 2 – HAZARDS IDENTIFICATION

AUSTRALIA

- This material is classified as **hazardous** according to GHS criteria of Safe Work Australia.
- This product is **classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **classified as a Scheduled 5 Poison** according to the SUSMP.

HAZARD CATEGORY
Flammable Liquid - 3
Specific target organ toxicity (Single exposure) – 3
Skin sensitization – 1A

SIGNAL WORD WARNING

PICTOGRAM

HAZARD STATEMENTS
Flammable liquid and vapour.
May be harmful if swallowed.
May cause an allergic skin reaction.
May cause drowsiness or dizziness.
May cause respiratory irritation.

PRECAUTIONARY STATEMENTS
Prevention
Keep out of reach of children.
Read label before use.
Keep away from heat, sparks, open flames, hot surfaces – No smoking.
Keep container tightly closed.
Ground container and receiving equipment.
Use explosion-proof equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist/vapours/spray.
Use only outdoors or in a well-ventilated area.
Wear protective clothing, gloves, eye/face protection and suitable respirator as required.

Response	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash with plenty of soap and water. Call a POISON CENTRE or doctor if you feel unwell. Wash contaminated clothing before reuse. If skin irritation occurs get medical attention. If medical advice is needed have product container or label on hand. In case of fire: Use alcohol resistant foam for extinction. Collect spillage.
Storage	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local regulations.

NEW ZEALAND

- This material is classified as **hazardous** according to criteria of the **New Zealand EPA**
- Group Standard: Surface Coating and courants (Flammable, Acutely Toxic)
- HSNO: HSR002667
- Hazard Categories:
  3.1C Flammable liquid - medium hazard;
  6.5B Substances that are contact sensitisers;
  6.1E Substances that are acutely toxic – May be harmful, Aspiration hazard

UN Number	1263	**ADG Classification**	3
		ADG Subsidiary	
Shipping Name	PAINT	**Risk**	none allocated
Hazchem Code	●3YE	**Packing Group**	III
SUSMP Classification	S5 CAUTION		
EMERGENCY OVERVIEW			
Colour	Black	**Odour**	Solvent
Physical Description	liquid	**Viscosity**	Viscous
Major Health Hazards	None known		

SECTION 3 – INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from SAFE WORK AUSTRALIA publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the SAFE WORK AUSTRALIA publication “Approved Criteria for Classifying Hazardous Substances”.

Ingredients:	CAS Number:	Proportion (% w/w):	Exposure Standards TWA	Exposure Standards STEL
Alkyd resin	Various	10 - 30	not set	not set
Mineral turpentine	64742-88-7	30 - 40	90 ppm	not set
Methyl Ethyl Ketoxime	96-29-7	< 1	not set	not set
Aluminium Powder	7429-90-5	<1	not set	not set

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove victim to fresh air away from exposure. Administer artificial respiration if breathing is stopped. Obtain medical attention if symptoms occur.
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient.
Aggravated Medical Conditions	Treat according to symptoms. Avoid gastric lavage (stomach pumping): risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

SECTION 5 – FIRE AND EXPLOSION DATA

Fire and Explosion Hazards	Fire: Flammable liquid. Product may form flammable/explosive vapour-air mixture during use. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and other possibly toxic gases and vapours on burning.
Extinguishing Media	Alcohol resistant foam, carbon dioxide, foam, dry powder. Do not use water jet.
Fire Fighting	Full protective clothing and self-contained breathing apparatus. Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dyke for later disposal. Use extinguishing agents for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.
Flash Point	31 °C

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures

HAZCHEM code : ●**3YE**

●**3** = alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

Y = Yes – risk of violent reaction, recommend breathing apparatus, contain.

- Shut off engine and electrical equipment off.
- No smoking or naked lights within 50 metres.
- Move people from immediate area; keep upwind.
- Send messenger to notify fire brigade and police.
- Tell them location, material quantity, UN number and emergency contact. Indicate condition of vehicle and damage or injuries observed.
- Warn other traffic.

E = People should be warned to stay indoors with all doors and windows closed. Evacuation may need to be considered. Consult control, police and product expert.

Occupational Release

In case of spill, remove all sources of ignition, increase ventilation, evacuate all unnecessary personnel. Isolate hazard area and deny entry. Wear personal protection as indicated in section 8 below. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand), which then can be put into appropriately labelled drums. The wasted material can be disposed of by incineration (Preferably high temperature), by an approved agent according to local conditions.

Waste Disposal:

Refer to State Land Waste Management Authority.

SECTION 7 HANDLING AND STORAGE

Handling

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights or ignition sources. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use.

Storage

Avoid all sources of ignition – (heat, sparks, static electricity, open flame). Use flameproof equipment and fittings to prevent flammability risk. Store in a well-ventilated area. Store in a cool, dry place and out of direct sunlight. Store away from incompatible substances i.e. strong oxidizing agents, acids or bases. Keep containers closed at all times – check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

National Occupational Exposure Limits, as published by Safe Work Australia:
Time-weighted Average (TWA): None established for specific product.
See **SECTION 3** for Exposure Limits of individual ingredients.
Short Term Exposure Limit (STEL): None established for specific product.
See **SECTION 3** for Exposure Limits of individual ingredients.

Biological Limit Value

None established for product.

Engineering Controls

Use only in a well-ventilated area. Ensure airflow, where this product is used, is directed away from the operators. Ensure ventilation is adequate to maintain air concentrations below exposure standards. If this is not possible, use appropriate personal protective equipment (meeting the requirements of AS/NZS 1715 and AS/NZS 1716).

Personal Protective Equipment

This product is classified as hazardous according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection

The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Skin Protection

Overalls, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Protective Material Types

Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

Respirator

No respirator should be required under normal conditions of use in well-ventilated areas (outdoors) provided air concentrations are below exposure standards. If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. If the exposure limit is exceeded briefly, a full facepiece respirator with an organic vapour cartridge may be worn. For short elevated exposures, eg, spillages:- Appropriate organic vapour cartridge respirator as per the requirements of AS/NZS 1715 and AS/NZS 1716 (Respiratory protective devices). For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. Exposure Limit by more than ten times, air supplied apparatus should be used.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid	**Colour**	Black
Odour	hydrocarbon	**Specific Gravity**	1.2 - 1.4 @ 25 °C
Boiling Point	148 - 190 °C	**Freezing Point**	Approximately 0 °C
Vapour Pressure	0.429 kPa	**Vapour Density**	Not available
Flash Point	31 °C	**Explosive Limits**	LEL 0.6 - UEL 7.0%
Water Solubility	not soluble	**pH**	Not available
Volatile Organic Compounds (VOC)	30 - 40 % v/v	**Coefficient of Water/Oil Distribution**	Not available
Viscosity	Not available	**Odour Threshold**	Not available
Evaporation Rate	Not available	**Per Cent Volatile**	30 - 40 % v/v

SECTION 10 – STABILITY AND REACTIVITY DATA

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	Sources of heat and ignition, open flames.
Incompatible Materials	Oxidising agents, minerals acids, halogenated organic compounds.
Hazardous Decomposition Products	Product can decompose on combustion (burning) to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

POTENTIAL HEALTH EFFECTS

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 overexposure occurs are:

Ingestion	
short term exposure	Harmful if swallowed. May cause irritation to the throat, mouth and digestive tract. Large doses may cause drowsiness and may lead to unconsciousness. Aspiration of liquid into lungs may cause serious (even fatal) pneumonitis.
long term exposure	No information available.
Skin contact	
short term exposure	Irritant, both by contact and vapour. Possible sensitizer. Prolonged exposure may result in dryness and cracking.
long term exposure	Prolonged and repeated skin contact with undiluted solutions may induce eczematoid dermatitis and sensitization.
Eye contact	
short term exposure	Irritant, both by contact and vapour.
long term exposure	No information available.
Inhalation	
short term exposure	Vapour is irritating to mucous membranes and respiratory tract. Can cause dizziness, headaches, nausea and may lead to unconsciousness. Prolonged exposure to vapour may cause damage to the central nervous system.
long term exposure	This product may contain traces of ethylbenzene and naphthalene derivates. These products are classified as “possible human carcinogen (Group 2B)".
Carcinogen Status	
SWA	No significant ingredient is classified as carcinogenic by SWA.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.

Medical conditions aggravated by exposure	No information available.

SECTION 12 - ECOLOGICAL INFORMATION

Fish toxicity	None available for specific product.
Algae toxicity	None available for specific product.
Invertebrates toxicity	None available for specific product.
Toxicity to Bacteria	None available for specific product.
General	Expected to be toxic to aquatic organisms. Product not miscible with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.
OECD Biological degradation	Individual components stated to be not readily biodegradable.

SECTION 13 - DISPOSAL CONSIDERATIONS

The relevant local, regional and national regulations must be complied with. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the national authority. It is recommended that details be worked out with the waste disposal company responsible.
The waste can be disposed of in a suitable incinerator or approved landfill site, provided that national/ local legislation is complied with.
Containers may retain some product residues which may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 TRANSPORT INFORMATION

UN Number	1263	**ADG Classification**	3
Shipping Name	PAINT	**ADG Subsidiary Risk**	none allocated
Hazchem Code	●3YE	**Packing Group**	III
Packaging Method	3.8.3	**Special Provisions**	SP187

Segregation

Class 3 – Flammable liquid shall not be loaded in the same vehicle or packed in the same freight container with:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.
- Foodstuff and foodstuff empties

SECTION 15 REGULATORY INFORMATION

AICS	All ingredients present on AICS.
SUSMP	S5 CAUTION (LIQUID HYDROCARBONS)
NZ	HSR002667 Surface Coating and Courants (Flammable, Acutely Toxic)

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SECTION 16 OTHER INFORMATION

Acronyms

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
SWA	Safe Work Australia.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

Literature References

Australian Code for the Transport of Dangerous Goods by Road and Rail
National Code of Practice for the Preparation of Safety Data Sheets
Approved Criteria for Classifying Hazardous Substances
Safety Data Sheets – individual raw materials – Suppliers.
HCIS – Hazardous Chemcal Information System – National Data Base.

Revision Information	Adjust alkyl concentration as per supplier recommendation, NZ Group Standard
Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point	Manager	**Telephone**	(07) 3245 3255
Issue Date	FEB 2021	**Supersedes Issue Date**	MAR 2018

The SDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date.

All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Each user should review the information in the specific context of the intended application. No expressed or implied warranties nor any responsibility for damages resulting from use of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new SDS to be generated by the re-packer.