

# SAFETY DATA SHEET

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## 1.IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

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PRODUCT DESCRIPTION : TAFT SOLUTION V  
CHEMICAL FAMILY : MILD PAINT ODOUR LIQUID  
SUPPLIER : Two Nine Six O Trading Pte Ltd  
21 Tuas West Ave Singapore 638435  
Singapore 629795  
Telephone/Fax Number : +65 6267 1300 / +65 6264 2960

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients	CAS No	%	Hazard Classification
N-Methyl Pyrrolidone	872-50-4	<5	Xi, R36/38

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## 3. HAZARD IDENTIFICATION

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May be harmful if swallowed and may cause skin and eye irritation.

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## 4.FIRST-AID MEASURES

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### INHALATION

- Remove to fresh air immediately. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Keep at rest. Obtain medical attention if necessary.

### SKIN CONTACT

- In case of contact, wash skin with water and soap.
- If irritation persists, get medical attention.

### EYE CONTACT

- Immediately flush eyes with large amounts of water for at least 15 minutes or until irritation subsides.
- Obtain medical attention if necessary.

### INGESTION

- DO NOT induce vomiting unless directed to do so by a medical personnel. Never give anything by mouth to an unconscious person. Keep at rest. Get medical attention if necessary.
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## 5. FIRE FIGHTING MEASURE

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This product is not combustible and not considered to be a significant fire risk.

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### EXTINGUISHING MEDIA

- Carbon dioxide, foam or dry chemical type recommended.

## **FIRE FIGHTING ADVICE**

- Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

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## **6. ACCIDENTAL RELEASE MEASURES**

### **PERSON RELATED PRECAUTIONARY MEASURES**

- Avoid substance contact with eyes. Do not inhale vapours.
- Ensure supply of fresh air in enclosed rooms.
- Use personal protective equipment, e.g. respirators, eye protection, gloves and safety shoes.

### **ENVIRONMENTAL PROTECTION MEASURES**

- Eliminate sources of ignition.
- Keep public away.
- Contain spilled liquid with sand or other non-combustible absorbent materials
- Wash area and prevent runoff into drains and sewerage system.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.

### **PROCEDURE FOR CLEANING**

- Clean up all spills immediately
- Absorb spill with absorbent and inert material, then place in container.
- Disposal in accordance to local regulations.

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## **7. HANDLING AND STORAGE**

### **HANDLING**

- Keep out of reach of children.
- Handle containers with care. Open slowly in order to control possible pressure release.
- Do not pressurize containers.
- Do not ingest. Do not breathe in gas/fumes/vapour. Avoid contact with skin and eyes.
- For personal protection, see section 8.
- Use only in areas from which all naked lights and others sources of ignition has been excluded.
- Protect from frost and extremes of temperature.

### **STORAGE**

- Keep containers tightly closed
- Containers that are opened should be properly resealed and kept upright to prevent leakage.
- Store in cool, dry and well-ventilated place at temperature between 20°C to 40°C away from heat and sources of ignition.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROL MEASURES

- Provide exhaust ventilation
- Ensure eyewash stations and safety showers are close to the workstation location.

### PERSONAL PROTECTION MEASURES

Respiratory Protection: Wear appropriate respirators when ventilation is inadequate.

Hand Protection: Use of rubber type gloves is recommended.

Eye Protection: Use of safety glasses or goggles with side shields is recommended.

Skin/Body Protection: Cotton or synthetic clothing is normally suitable.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state	: Liquid
Odour	: Mild paint odour
Specific gravity (Water=1)	: 1.19-1.29
pH	: 8-10
Boiling point	: 100°C
Melting point	: Not available
Auto-ignition temperature	: Not available
Explosive limits (in air)	: Not available
Vapour density (101.3kPa/air=1)	: Not available
Solubility in water	: Miscible

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## 10. STABILITY AND REACTIVITY

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### STABILITY

- The product is stable under recommended storage and handling conditions.  
(see section 7)

### CONDITIONS TO AVOID

- DO NOT expose to extreme heat, ignition sources or sparks.

### HAZARDOUS DECOMPOSITION PRODUCTS

- When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

### MATERIALS TO AVOID (INCOMPATIBILITY)

- Keep away from oxidizing agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

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## 11. TOXICOLOGICAL INFORMATION

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There are no data available on the product itself.

### ACUTE EFFECT

Inhalation: May cause irritation to mucous membranes of the respiratory system.  
Skin contact: Prolonged contact may cause skin irritation.  
Eye contact: Prolonged contact may cause eye irritation.  
Ingestion: No adverse effects expected, however large amounts may cause nausea and vomiting.

### CHRONIC EFFECT

No information available for the product

### TOXICITY DATA

N-methyl-pyrrolidone LD<sub>50</sub> (Oral, rat): 3914mg/kg LD<sub>50</sub> (Dermal, Rabbit): 8000mg/kg

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## 12. ECOLOGICAL INFORMATION

There are no data available on the product itself.  
For spills or waste, take care to avoid contaminating the environment.  
The product should not be allowed to enter drains and watercourses.

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## 13. DISPOSAL CONSIDERATIONS

The product should not be allowed to enter drains and watercourses.  
Wastes and empty containers should be treated and disposed of in accordance with national and local regulations.

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## 14. TRANSPORT INFORMATION

Transport to be in accordance with ADR/RD for road, IMDG for sea and IATA for air.

### LAND TRANSPORT

Not classified as Dangerous Goods by the criteria of the European Agreement concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

### SEA TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport of Sea.

### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.

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## 15. REGULATORY INFORMATION

Classification according to EC Directives (91/155/EEC), Singapore Standard CP98:2003:

**HAZARD CLASSIFICATION:**

Xi: Irritant

R37/38: Irritating to eye and skin

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**16. OTHER INFORMATION**

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To the best of our knowledge, the information contained herein is accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. Since the conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge, for this and other reasons, we make no guarantee of results and assume no liability for damages incurred by the use of this product. Please be reminded that all chemicals may present unknown health hazards and should be used with caution.

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