

STATEMENT OF HAZARDOUS NATURE

This product is classified as a 3(a) **FLAMMABLE LIQUID** and a standard poison, under current New Zealand legislation.

IDENTIFICATION

Product Name:	APS Mould Protector
UN Number:	1294
Dangerous Goods Class:	3(a) Flammable Liquid as classified under the Dangerous Goods Act and Regulations:1983
Hazchem Code:	3(Y)E
Toxic Substances Schedule:	Classified as a Third Schedule (S3), standard poison under the Toxic Regulations:1983
Uses:	Rust preventative

PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Clear dark brown liquid
Boiling Point / Melting Point:	Boiling Point: 110°C
Vapor Pressure:	2.2 mm Hg (1 atmosphere)
Density:	0.91gm/ml
pH:	Not Available
Flash Point:	5°C
Flammability Limits:	Lower limit 1.3%. Upper limit 7.0%
Solubility in water:	Insoluble
Other Properties:	Highly volatile and flammable Auto-ignition temperature - 550°C Evaporation rate - 2.31

CHEMICAL DESCRIPTION / PROPERTIES

Chemical Entry	Cas No.	Proportion
No CAS number has been assigned to this product, C.A.S. No's assigned to components of this product		
Toluene	108-88-3	50 - 60%

HEALTH HAZARD INFORMATION

Health Effects:

Acute:

<i>Swallowed:</i>	Harmful if swallowed. Aspiration into the lungs may cause chemical pneumonitis which can be fatal.
<i>Eye:</i>	Expected to be irritating.
<i>Skin:</i>	Expected to be slightly irritating. Prolonged and repeated skin contact may cause dermatitis due to defatting effect
<i>Inhaled:</i>	Acute inhalation LC (rat) expected to be >5mg/l. May cause headache, dizziness, nausea and narcosis

HEALTH HAZARD INFORMATION (continued)

Health Effects:

Chronic: Irritation of respiratory passages if exposed to mists or vapors.
Repeated or prolonged skin contact may cause irritation or dermatitis.

First Aid:

Swallowed: Do not induce vomiting. Give nothing by mouth. Obtain medical attention immediately.

Eye: Hold eyes open and flush with water for 15 minutes. If irritation persists seek medical attention.

Skin: Remove contaminated clothing and wash skin with soap and water. If redness, rashes, itching occurs, seek medical attention.

Inhaled: If affected, move to fresh air, treat symptoms and seek medical advice IMMEDIATELY.

First Aid Facilities: Ensure an eye bath and safety shower are available and ready to use.

Advice to Doctor: Treat symptomatically. Aspiration into the lungs may cause chemical pneumonitis.

PRECAUTIONS FOR USE

Exposure Standards: No exposure limits have been set for this product, exposure standards for component:
TLV/TWA (ACGIH 1994/1995) for toluene and xylene is 100ppm (377mg/m³)
STEL (toluene) = 150ppm (565mg/m³).

Engineering Controls: Use only in well ventilated areas.

Personal Protection: **Normal operation:**
Respiratory: Not normally required. If risk of inhalation exists, wear half mask respirator with organic vapour cartridge and built-in particulate filter NPF 20 (gas only)
Avoid skin and eye contact. Wear PVC or nitrile gloves in cases of repeated or prolonged contact.
Wear eye protection if slashing is likely. Change contaminated clothing and clean before use.

Spillage:
Respiratory: Wear full face piece respirator with organic vapor canister and built-in particulate filter NPF 20 (gas only). In a confined space wear self contained breathing apparatus open circuit type NPF 2000.
Eye: Covered by respiratory protection.
Skin: Wear gauntlet type PVC gloves, knee length rubber safety boots and PVC one-piece suit with integral hood.

Flammability: **FLAMMABLE.** In used, may form flammable/explosive vapour/air mixture. Avoid sources of heat, naked flame and sparks.

SAFE HANDLING INFORMATION

Storage & Transport:

Proper Shipping Name:	Toluene
Hazard Class:	3
Hazard Labels:	Required
Packaging Group:	II
Air Transport:	Refer to current IATA/CAO regulations
Marine Transport:	Refer to current IMDG regulations
Road Transport:	Refer to current edition of NZS 5433.

SAFE HANDLING INFORMATION (continued)

Storage & Transport:

Miscellaneous: Store at ambient temperatures. Keep containers tightly closed and in a well ventilated place.
Keep in a banded area.

Spills and Disposals:

Mineral oils, synthetic oils, industrial lubricants or solvents must not be allowed to enter ground/storm water, water courses, sewerage or drainage systems.
Refer to local waste disposal company of recycling facility.
Small spills: Soak up with inert absorbent and dispose of in a approved manner.
Large Spills: Contain as soon as possible and remove by best means available following referral to local waste disposal authority.

Fire/Explosive Hazard:

Carbon monoxide may be evolved if incomplete combustion occurs. Products will float on water and can be re-ignited on surface of water. The vapor is heavier than air, spreads along the group and distant ignition is possible.

Extinguishing Media:

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
DO NOT use water jets.
3(Y) wear breathing apparatus

OTHER INFORMATION

Repeated or prolonged contact with lubricants and Industrial oils should be avoided in order to lesson the possibility of skin disorders. It is essential that all who come in contact with lubricants and industrial oils maintain a high standard of personal hygiene.

DISCLAIMER

All reasonable care has been taken to ensure the information and advice contained herein are accurate at the time of printing. However APS Tooling Supplies Ltd. Accepts no tortuous of contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.