

NON FLAMMABLE SOLVENT

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	Non Flammable Solvent	53 ASSEMBLY DRIVE
Manufacturers Code:	NFPW25	TULLAMARINE VIC 3043
Date:	JULY 2007	(03) 9338 6655 (BH) (03) 9336 7945 (AH)

PRODUCT NAME:	Non Flammable Solvent	U.N. NUMBER:	N/A
OTHER NAMES:	Liquid Hydrocarbon	DANGEROUS GOODS CLASS	N/A
MANUFACTURERS CODE:	NFPW25, NFPW200	SUBSIDIARY RISK:	N/A
USE:	Industrial Solvent	PACKING GROUP:	N/A
PACK SIZES:	25Lt, 200Lt	HAZCHEM CODE:	N/A
		POISONS SCHEDULE:	5

PHYSICAL DESCRIPTION / PROPERTIES (Typical Values)

Appearance:	Clear, pale yellow, mobile liquid with characteristic odour
Boiling Point / Range (°C):	>210
Vapour Pressure (mmHg @ 20°C):	<1.0
Specific Gravity (g/ml @ 15°C):	0.82
Flash Point (°C):	>75
Flammability Limits:	(LEL) 1.3 – (UEL) 8.1
Solubility in Water:	Immiscible with water

OTHER PROPERTIES

Percent Volatiles: 100%

INGREDIENTS

Chemical Name	CAS Number	Proportion (%vol)
Solvex HF	64742-47-8	100%

As this product is classified as hazardous, the following risk and safety phrases should be noted:

- R65 Harmful: May cause lung damage if swallowed.
S2 Keep out of reach of children.
S23 Do not breathe vapour
S24 Avoid contact with skin
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.

HEALTH EFFECTS

Acute:

- Swallowed:** Non Flammable Solvent is classified as harmful. The material may cause irritation to the throat and tube to the stomach and may cause nausea. Vomiting may cause the product to be aspirated in the lungs possibly resulting in chemical pneumonitis.
- Eye:** Product may cause moderate to severe eye irritation and pronounced inflammation.
- Skin:** Avoid contact with skin. Prolonged or repeated exposure may cause defatting and drying of the skin resulting in irritant contact dermatitis.
- Inhaled:** Do not breathe vapour. Vapour concentrations are irritating to nose and throat resulting in possible headaches, dizziness, lack of co-ordination, nausea and possible loss of consciousness.

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Chronic:

Repeated or prolonged contact may cause irritant contact dermatitis.

FIRST AID

Swallowed: If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 in Australia. If swallowed, do not induce vomiting. Give a glass of water.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove contaminated clothing. Wash clothing before reuse.

Inhaled: Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical assistance.

FIRST AID FACILITIES:

Provide eye baths and safety showers close to areas where splashing may occur.

Advice to Doctor:

Due to the risks of lung damage by aspiration of this product, gastric lavage should only be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

Exposure Standards: This product is harmful if it is inhaled. There is no specific time weighted average (tWA) statistic indicating a determined exposure for Non Flammable solvent. If however, refined petroleum solvent mixtures, such as Mineral Turpentine, yields an exposure standard of 480mg/m³. It is suggested that this figure be a general guide when limiting exposure.

Engineering Controls: Keep away from sources of ignition. Take precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces.

Personal Protection: Wear chemical goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if it is inhaled. Respirators should comply with AS1716 or an equivalent approved by a state / territory authority.

Flammability: Non flammable solvent is a combustible liquid. Avoid heat and all ignition sources. Use only in well ventilated areas. Product transfer and storage equipment must be earthed. Prevent build up of flammable vapours. Consult further information on safe storage and handling of hydrocarbon liquids. Handle in accordance with state or territory regulations for hydrocarbon liquids.

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SAFE HANDLING INFORMATION

Storage & Transport: Store in a cool well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Non Flammable solvent is not classified under the Australian Code for the Transportation of Dangerous Goods by Road and Rail. Plastics may be unsuitable as storage and handling materials. Store only in original or approved containers.

Spills & Disposal: For major spills, dam and recover. Extinguish all ignition sources. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Ensure waste disposal conforms to local waste disposal regulations. Empty containers retain vapour and product residue and may, therefore, present irritant vapour hazards. Drain containers and allow to dry with ventilation to remove liquid and vapour. Observe all safeguards on label and in this MSDS until container is cleaned, reconditioned or destroyed.

Fire / Explosion Hazard: In the event of a fire, this product has a risk of violent reaction or explosion. Remove ignition sources if safe to do so. Use foam or dry agent extinguisher. Wear breathing apparatus, full protective clothing, appropriate boots and chemically impervious protective gloves while attending hazard. Prevent the product from entering drains or waterways.

OTHER INFORMATION

Chronic toxicology: Certain straight run middle distillates, such as those found in Mineral Turpentine, have been found to produce skin tumours in laboratory studies, but these have usually been associated with a high level of irritation. It is strongly recommended to comply with the recommendations for safe use, thus minimising prolonged or repeated exposure and minimising the risk of carcinogenic hazard.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

CONTACT POINT

Contact:	Walter Day
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