



TAG SOLVENT PRODUCTS (PTY)LTD.

MATERIAL SAFETY DATA SHEET ***2 K THINNERS***

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common name	: 2K Thinners		
Supplier	: TAG Solvent Products Mallet Road/Weg Knights Germiston 1401 Republic of South Africa TEL: +27 11 280-0000		
Trade name	: Lacquer Thinners 100		
Manufacturer	: TAG Solvent Products Mallet Road/Weg Knights Germiston 1401 Republic of South Africa TEL: +27 11 280-0000	In case of emergency	TAG: 011 822 1600

2 HAZARDS IDENTIFICATION

Physical state and appearance	: Liquid.		
Emergency overview	: WARNING! FLAMMABLE LIQUID AND VAPOUR. VAPOUR MAY CAUSE FLASH FIRE. Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.		
Routes of entry	: Eye contact. Ingestion. Inhalation. Skin contact.		
Potential acute health effects			
Eyes	: Hazardous in case of eye contact.		
Skin	: Hazardous in case of skin contact.		
Inhalation	: Hazardous in case of inhalation.		
Ingestion	: Hazardous in case of ingestion.		

3	FIRST AID MEASURES
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Eye contact	: Check for and remove any contact lenses. DO NOT use eye ointment. Get medical attention
Skin contact	: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Hazardous Skin Contact	: Wash contaminated clothing before reusing. Wash with a disinfectant soap and cover the contaminated skin with an anti- bacterial cream. The product is a solvent irritating for skin. Xylenes, Trimethyl benzene that is (are) insoluble in water. If the victim still suffers after a long term rinsing with water, we suggest rinsing the contaminated area (SKIN OR EYES) with lukewarm pasteurized milk. After the pain has stopped, rinse thoroughly with running water to avoid possible infection. Milk is a very good emulsifier and it is also very mild for skin and eyes. Seek immediate medical attention.
Inhalation	: If inhaled, remove to fresh air and allow victim to rest. Get medical attention.
Hazardous Inhalation	: If inhaled, remove victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is laboured, give oxygen. If not breathing apply artificial respiration. Get medical attention. WARNING! It may be hazardous to the person performing aid to give CPR when inhaled material is toxic, infectious or corrosive.
Ingestion	: DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Notes to physician	: Non available.

4	FIRE FIGHTING MEASURES
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Flammability of the product	: Flammable
Fire fighting media and instructions	: Use alcohol foam. Use DRY chemical powder or carbon dioxide. Keep surrounding containers and area cool with water sprays.
Protective clothing (fire)	: Be sure to use an approved/certified respirator or equivalent.

5 ACCIDENTAL RELEASE MEASURES

Small spill or leak	: Absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill or leak	: Poisonous flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of Ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT get water inside the container. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

6 HANDLING AND STORAGE

Handling	: Keep locked. Keep containers closed. Keep away from heat and sources of ignition (sparks or flames). Stop leak without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT get water inside the container. DO NOT touch the spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Storage	: Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferred for materials with a flash point lower than 37.8°C (100°F).

7 EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering controls	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below their respective threshold limit values. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal protection	
Body	
Eyes	: Splash goggles.
	: Chemical resistant protective suite.
Respiratory	: Vapour respirator. Be sure to use an approved/certified or equivalent. Wear appropriate respirator when ventilation is inadequate.
Hands	: Butyl rubber gloves.
Feet	: Chemical resistant safety boots.
Protective clothing	: Splash goggles. Full chemical resistant protective suit. Vapor respirator. Butyl gloves. Chemical resistant boots.
Personal protection in case of large spills	: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling the product.

8	PHYSICAL AND CHEMICAL PROPERTIES
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Physical State & Appearance	: Liquid
Molecular Weight	: Not applicable
Molecular Formula	: Not applicable
PH (1% Soln/Water)	: Neutral
Boiling/condensation Point	: 140°C
Specific gravity	: 0.875
LogK_{ow}	: The product is much more soluble in soil.
Ionicity (in water)	: Not available
Solubility	: Soluble in n-octanol. Insoluble in cold water, hot water.

8	PHYSICAL AND CHEMICAL PROPERTIES
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Aromatics	: 80 - 90 %
Esters	: 10 - 15 %
Glycol Ether	: 1 - 4 %

Notice: Although the information contained herein is presented in good faith and to the best of our knowledge, it is made without any warranty or guarantee whatsoever. If in any doubt contact TAG Solvent Products (Pty) Ltd. TEL: 011-822-1600 FAX: 011-822 1512