



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Tangit Cleaner
Trade name: Tangit Cleanser H
Product-Code: 1744825
Intended use: Cleaner for pipe bondings

Supplier:

Henkel Australia Pty. Ltd.
135-141 Canterbury Road
3137 Kilsyth, Victoria

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material F - Highly flammable Xi - Irritant

Risk phrases:

R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S2 Keep out of the reach of children.
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S25 Avoid contact with eyes.
S33 Take precautionary measures against static discharges.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS



MATERIAL SAFETY DATA SHEET

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Butanone	78-93-3	> 80 %
Cyclohexanone	108-94-1	< 20 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse mouth, do not induce vomiting, consult a doctor.
Skin:	Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.
Eyes:	Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remains (intensive smarting, sensivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.
Inhalation:	Move to fresh air, consult doctor if complaint persists.
Medical attention and special treatment:	Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	carbon dioxide, foam, powder, water spray jet, fine water spray
Improper extinguishing agent:	High pressure waterjet
Particular danger in case of fire:	In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO ₂) can be released. Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Special protective equipment for fire-fighters:	Wear protective equipment. Wear self-contained breathing apparatus.
Additional fire fighting advice:	Cool endangered containers with water spray jet.
Hazchem code:	.3YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Ensure adequate ventilation. Keep away from sources of ignition. Wear protective equipment. Danger of slipping on spilled product.
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	Remove with liquid-absorbing material (sand, peat, sawdust). Dispose of contaminated material as waste according to Chapter 13.



MATERIAL SAFETY DATA SHEET

SECTION 7. HANDLING AND STORAGE

- Precautions for safe handling:** Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.
Also to be noted when processing larger amounts (> 1 kg): during processing and drying after adhesion, ventilate well. Avoid all sources of fire such as stoves and ovens. Switch off all electrical devices such as parabolic heaters, hot plates, storage heaters etc. in good time for them to have cooled down before commencing work. Avoid all sparks, including those occurring at electrical switches and devices.
- Conditions for safe storage:** Ensure adequate ventilation.
Close the container carefully after use and store it at a good ventilated place.
Store protected from heat influence.
Temperatures between 0 °C and + 35 °C
Keep only in original container.
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
METHYL ETHYL KETONE (MEK) 78-93-3		-	-	-	300	890
		150	445	-	-	-
CYCLOHEXANONE 108-94-1		25	100	-	-	-

- Engineering controls:** Ensure adequate ventilation.
- Eye protection:** Goggles which can be tightly sealed.
- Skin protection:** Suitable protective clothing
Recommended are gloves made from Nitril rubber (Material thickness >0,1 mm, Perforation time < 30s).Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.
- Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: colourless
Liquid
- Odor: Strong
- Boiling point: 80 °C (176 °F)
- Flash point: -8 °C (17.6 °F)
- Density: 0.81 g/cm³



MATERIAL SAFETY DATA SHEET

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of temperature and pressure.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition.
Incompatible materials:	Oxidizing agents.
Hazardous decomposition products:	May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:		
Ingestion:	May cause central nervous system effects, such as headache, nausea, vomiting, abdominal pain, dizziness, confusion, and breathing difficulties.	
Skin:	May cause mild skin irritation.	
Eyes:	This product is irritating to the eyes.	
Inhalation:	May cause dizziness, incoordination, headache, nausea, and vomiting.	
Toxicity data:		
Acute oral toxicity:	Methyl ethyl ketone 78-93-3	LD 50 (Mouse) = 670 mg/kg LD 50 (Rat) = 2,300 - 3,500 mg/kg LD 50 (Rat) = 4,500 - 6,800 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Collection and delivery to recycling enterprise or other registered elimination institution.
Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information:	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
UN no.:	1224
Proper shipping name:	KETONES, LIQUID, N.O.S. (Methyl ethyl ketone, Cyclohexanone)
Class or division:	3
Packaging group:	II



MATERIAL SAFETY DATA SHEET

Hazchem code: .3YE
Emergency information: Refer to the Dangerous Goods - Initial Emergency Response Guide
HB 76.
EPG: 3A1

Marine transport IMDG:

UN no.: 1224
Proper shipping name: KETONES, LIQUID, N.O.S. (Methyl ethyl ketone,Cyclohexanone)
Class or division: 3
Packaging group: II
EmS: F-E ,S-D
Seawater pollutant: -

Air transport IATA:

UN no.: 1224
Proper shipping name: Ketones, liquid, n.o.s. (Methyl ethyl ketone,Cyclohexanone)
Class or division: 3
Packaging group: II
Packaging instructions (passenger) 353
Packaging instructions (cargo) 364

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule: None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms: ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

Reason of change: Reviewed MSDS. Reissued with new date. involved chapters: 1-16

Date of previous issue: 13.10.2009

Disclaimer:



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