
SAFETY DATA SHEET**ZOFF UNIVERSAL ADHESIVE REMOVER****SDS No. 09 Rev1**

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Identifier

Product Identity	Zoff Universal Adhesive Remover
Alternate Names	-
Manufacturer's Product Code	36105120

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Use	Adhesive remover. To clean all types of adhesive residue from the skin, including hydrocolloids, acrylics and rubber based adhesives.
----------------	---

1.3 Details of the Supplier of the Safety Data Sheet**Australia**

Company Name	Smith & Nephew Pty Limited
Address	85 Waterloo Road, North Ryde, NSW 2113
Telephone No.	Customer Service: +61 (0)2 9857 3999 Toll Free (Australia): 13 13 60
Emergency Tel. Nos.	+61 (0)2 9857 3999 (business hours)

New Zealand

Company Name	Smith & Nephew Ltd
Address	Unit A, 36 Hillside Road Wairau Valley, Auckland 0627
Telephone No.	Customer Service: Toll Free (New Zealand): 0800 807 663
Emergency Tel. Nos.	+64 (0)9 820 2840 (business hours)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 3; H226	Flammable liquid and vapour.
Acute Toxicity 4; H302	Harmful if swallowed.

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

2.2 Label Elements

Classified as a Schedule 5 Poison. Labelling for Workplace Hazardous Substance is not required when labelled and sold as a Scheduled Poison.



Pictogram:

Signal word: Warning

Hazard Statement: H226 Flammable liquid and vapor.
H302 Harmful if swallowed.

Precautionary Statement:

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P264 Wash thoroughly after handling.

[Response]:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.
P331 Do NOT induce vomiting.

[Storage]:

P403 + P235 Store in a well-ventilated place. Keep cool.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance/ Mixture: Mixture

Chemical Name/Chemical Designations	Weight %	GHS Classification
(2-methoxymethylethoxy) propanol CAS Number: 34590-94-8	50-75	Not Classified
Naphtha (petroleum), hydrotreated heavy CAS Number: 64742-48-9	25- 50	Asp. Tox. 1;H304

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

Aloe Vera, ext. CAS Number: 85507-69-3	1.0-10	Not Classified
Benzyl Alcohol CAS Number: 100-51-6	< 1	Acute Tox. 4; H332, H302
Fragrance	<0.1	Not Classified

The full texts of the phrases are shown in Section 16.

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. Seek medical attention if effects persist. Restore and/or support breathing as required.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If victim is conscious, give water or a few ounces of USP white mineral oil/ edible mineral oil but do not induce vomiting. Contact a physician immediately.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Acute Effects	<p>Inhalation: Inhalation may cause respiratory tract irritation.</p> <p>Eye: May cause temporary eye irritation or conjunctivitis by direct liquid contact with the eye. The vapour level at room temperature will not be sufficient cause any health problems.</p> <p>Skin: Prolonged skin contact or repeated exposure is not likely to cause significant skin irritation unless there was a pre-existing skin disorder. Symptoms may include redness, dryness and skin cracking.</p> <p>Ingestion: Harmful. May cause gastrointestinal irritation.</p>
----------------------	--

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

None

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Water spray or fog, carbon dioxide, foam, dry chemical

5.2 Special Hazards Arising from the Substance or Mixture

Hazardous decomposition: Oxides of carbon & partially oxidized hydrocarbons

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Do not get in eyes, on skin, or on clothing.

5.3 Advice for Fire-Fighters

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Self-Contained Breathing Apparatus and protective clothing should be worn. Water spray can be used to cool fire-exposed containers.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse.

6.2 Environmental Precautions

Do not allow spills to enter drains or waterways.

6.3 Methods and Material for Containment and Cleaning Up

Mop or wipe up small spills. Ventilate area. Could damage polymer surfaces if spilt.

Dike large spills to minimize contamination and contain material. Remove all sources of heat and ignition.

Absorb with sand or vermiculite. Ventilate area to dissipate vapors.

Eliminate ignition sources. Soak up with noncombustible absorbent material. Remove absorbent material for proper disposal.

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

6.4 Reference to other sections

None

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid prolonged skin and eye contact. Avoid breathing vapours.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Store in a cool (< 25°C), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.

Store in accordance with Dangerous Goods (Storage & Handling) Regulations and according to AS 1940: Australian Standard for the Storage and Handling of Flammable and Combustible Liquids.

7.3 Specific End Use(s)

No data available

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Exposure

CAS No.	Ingredient	Source	Value
34590-94-8	(2-methoxymethylethoxy)propanol	NOHSC/HSIS	TWA 50ppm (308 mg/m ³)
		OSHA	TWA 100 ppm (600 mg/m ³) [skin]
		ACGIH	TWA: 100 ppm STEL: 150 ppm Skin
		NIOSH	TWA 100 ppm (600 mg/m ³) ST 150 ppm (900 mg/m ³) [skin]
		Supplier	No Established Limit

SAFETY DATA SHEET
ZOFF UNIVERSAL ADHESIVE REMOVER
SDS No. 09 Rev1

64742-48-9	Hydrotreated heavy naphtha (petroleum)	NOHSC/HSIS	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
100-51-6	Benzyl Alcohol	NOHSC/HSIS	No Established Limit
85507-69-3	Aloe Vera, ext.	NOHSC/HSIS	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

8.2 Exposure Controls
Respiratory

When working with small quantities in a well-ventilated area, respiratory protection may not be required.

Eyes

None required for normal use.

Skin

When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required. Wear nitrile or similar chemical resistant gloves to keep skin contact to a minimum.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

Appearance	Clear, Colorless Liquid
Odor	Slight Paraffinic
Odor threshold	Not determined
pH	3.8 @ 20°C
Melting point / freezing point	Not determined
Initial boiling point and boiling range	> 177°C
Flash Point	45.6°C TCC
Evaporation rate (Ether = 1)	< 1 (nBuAc = 1)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 0.6% Upper Explosive Limit: 6.5%
Vapor pressure (Pa)	< 10 mmHg
Vapor Density	> 1 (Air = 1)
Specific Gravity	0.83 @ 25°C (H ₂ O = 1)
Solubility in Water	Appreciable
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not determined
Decomposition temperature	Not available
Viscosity (cSt)	Not available
VOC Content	Not available
Refractive Index	1.416 @ 25°C

9.2 Other Information

No other relevant information.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of Hazardous Reactions

No data available.

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

10.4 Conditions to Avoid

Excessive heat and open flame.

10.5 Incompatible Materials

Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

10.6 Hazardous Decomposition Products

Oxides of carbon & partially oxidized hydrocarbons.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Effects

Swallowed: Harmful. It may cause gastrointestinal irritation, dizziness, low blood pressure and kidney damage.

Eye: May cause temporary irritation by direct liquid contact with the eye. Soft contact lenses may concentrate irritants. The vapour level at room temperature will not be sufficient cause any health problems.

Skin: Prolonged skin contact or repeated exposure is not likely to cause significant skin irritation unless there was a pre-existing skin disorder. Symptoms may include redness, dryness and skin cracking.

Inhaled: If inhaled, respiratory tract irritation and asthma-like conditions may result. If the liquid is aspirated into the lungs it may cause chemical pneumonitis, which can be fatal.

Chronic Effects

Chronic or repeated exposure may cause conjunctivitis of the eye, respiratory tract irritation, and defatting of the skin, leading to irritation and dermatitis.

11.2 Additional Toxicological Information

No information available

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Toxic to aquatic life.

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
(2-Methoxymethylethoxy) propanol- (34590-94-8)	10,000.00, Pimephales promelas	1,919.00, Daphnia magna	969.00 (72 hr), Algae
Hydrotreated heavy naphtha (petroleum) - (64742-48-9)	2,200.00, Pimephales promelas	2.60, Chaetogammarus marinus	Not Available
Aloe Vera, ext. - (85507-69-3)	Not Available	Not Available	Not Available

12.2 Persistence and Degradability

There is no data available on the preparation itself.

12.3 Bioaccumulative Potential

Not Measured

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Other Adverse Effects

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

SAFETY DATA SHEET

ZOFF UNIVERSAL ADHESIVE REMOVER

SDS No. 09 Rev1

Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal. Dispose of in accordance with local waste regulations. May be incinerated in an approved facility.

SECTION 14 – TRANSPORT INFORMATION

Classified as a Dangerous Good according to the Australian Code for Transport of Dangerous Goods by Road and Rail.

14.1 UN Number	UN1993
14.2 UN Proper Shipping Name	UN1993, FLAMMABLE LIQUID, N.O.S. (Hydrotreated heavy naphtha), 3, III
14.3 Transport Hazard Class	3
14.4 Packing Group	III
14.5 Environmental Hazard	
IMDG	Marine Pollutant: No
14.6 Special Precautions for User	No further information
14.7 Hazchem Code	3[Y]

SECTION 15 – REGULATORY INFORMATION

Poison Schedule Classified as a Schedule 5 Poison in accordance with the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Signal word CAUTION.

SECTION 16 – OTHER INFORMATION

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

H302 Harmful if swallowed.

SAFETY DATA SHEET**ZOFF UNIVERSAL ADHESIVE REMOVER****SDS No. 09 Rev1**

This is the second version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and recommendations contained herein are based upon data believed to be correct and in accordance with the requirements of the Work Health and Safety Regulations. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is provided specifically in order to assist users of the product to make their assessment of health risks. Provision of this information does not preclude users from seeking advice from other sources. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

SAFETY DATA SHEET**ZOFF UNIVERSAL ADHESIVE REMOVER****SDS No. 09 Rev1**

REVISION HISTORY

Revision Number	Description of Change	Effective Date
0	New Issue in GHS format	20-12-2016
1	Updates to Section 2.2 to align with product labels and inclusion of New Zealand supplier contact details to section 1.3.	16-02-2017