

3. Composition Information On Ingredients

CHEMICAL ENTITY	CAS NO.	PROPORTION
Acetone	67-64-1	30-60%
Hydrocarbon Gas	68476-86-8	10-30%
Aromatic Hydrocarbons	63231-51-6	10-30%
Other ingredients, including alkyd Resin solids and driers, determined to be non-hazardous or below cut-off.		
Concentration		to 100%

4. First Aid Measures

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131-126 New Zealand 0800 764-766)

Inhalation: Remove to fresh air, lay down, rest. If not breathing apply resuscitation. Keep patient warm. Seek urgent medical advice unless recovery is almost immediate.

Skin Contact: immediately remove contaminated clothing, including footwear after wetting with water if available. Wash affected areas thoroughly with water, and soap if available. Rinse well and pat dry. If symptoms persist seek prompt medical attention.

Eye Contact: Immediately hold eyelid open and flush with clean water for at least 15 minutes. While flushing gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

Ingestion: Do not induce vomiting. Give water to rinse mouth. Give two 300ml glasses of water to drink. If patient starts to vomit involuntarily encourage to sit up and lean forward from the hips. Seek urgent medical attention if more than 100ml was swallowed or if symptoms persist.

Possible Aggravated medical condition: None required, however persons with a pulmonary disorder should take particular care to avoid breathing aerosols or droplets.

Notes to Physician: Provide supportive care and treatment based on the patients reactions to the exposure.

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

Liquid and vapour flammable. Vapour may travel considerable distances to a source of ignition and flash back to the point of origin. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers which may propel cans several metres while burning. Potentially spreading a fire.

5.2 Hazardous Combustion Products

When thermally decomposing emits CO NO and large amounts of other toxic gases.

5.3 Suitable Extinguishing Media

Hazchem Code: 3 WE Foam – dry agents or water delivered as fog or fine spray if foam not available, note, water may be ineffectual due to the flash point of liquid.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off. Be aware of potential “mini-bleves” if aerosol cans are affected by fire.

6. Accidental Release Measures

6.1 Emergency procedures – Splits and Leaks (See section 13 for disposal considerations)

Switch off or remove all potential sources of ignition. Prevent cans entering drains or waterways. Wear full protective clothing and respirator during clean-up. If pool of contents forms, cover with sand, soft or other inert absorbents. Shovel saturated absorbent into plastic pails or drums. Seal Lids, label and place in a safe area, away from Class 5 goods and ignition sources to await disposal. Collect serviceable can and return to store. Place damaged cans in a recovery drum for disposal or return to supplier. Thoroughly ventilate work area before re-entry.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing and equipment. Keep away from oxidisers and sources of ignition.

7.2 Storage Advice

Store in accordance with AS 3633-96 and local regulations. Keep away from Class 5 goods. In the home store in a cool room out of direct sunlight. Keep away from pool chlorine or other goods displaying the yellow dangerous goods diamonds. Keep away from sources of ignition.

8. Exposure Controls/Personal Protection

8.1 Exposure Standards

The NORSC has established exposure standards for one of the components but not the finished product. (Zinc powder is locked in to the product and is not available in very minor proportion as dust during sanding or similar operations.

Substance	TWA	STEL
Kylene	350 mg/m ²	655 mg/m ²

8.2 Engineering Control Methods

Provide adequate intrinsically safe. Ventilation/chemical ventilation to ensure workplace air quality meets the exposure standards recommended. For use in the home, open all windows in the room where product is used. Care should be exercised if electric fans are used because of the flammable nature of the product. No smoking while product is in use.

8.3 Personal Protective Equipment

Respiratory Protection

Not usually required. If working in an enclosed space, where exposure standards may be exceeded use organic vapour filter regulator to AS 1715 & 1716 USE SCBA in contained space.

Eye Protection

Use safety glasses with the 4 shields or goggles to AS 1337

Gloves

When applying wear neoprene nitrile or butyl rubber gloves to AS2161

Clothing

Wear Tyvec or cotton coveralls fastened at the neck and wrists. Supplement with PVA apron if required.

9. Physical and Chemical Properties

Appearance: Grey liquid droplets and aerosols

Odour: Typical hydrocarbon solvent

Freezing/Melting

Point: - 141.5 (Dimethylether)

Boiling Point: - 24.5 C (Dimethylether)

Density: 1.8 – 1.9

Vapour pressure: 4450 mm Mtg (“)

Solubility in Water: Insoluble

Volatiles:
Percent: > 50%

Flash Point: -41C (Dimethylether)

Flammability
Limits: 3.45 to 26.70% vol/air
(Dimethylether)

Auto Ignition Point: Incompatible with oxidising substances

10. Stability and Reactivity

Under normal circumstances of use this product is stable. Keep away from oxidisers.

11. Toxicological Information

No product relevant data.

12. Ecological Consideration

Potential to bioaccumulate or biomagnify is low. Solvents in this product are biodegradable with half lives of 2 to 7 days in aerobic systems. Is slower in anaerobic systems. Not persistent.

13. Diposal Considerations

Disposal must be in accordance with local regulations for hazardous industrial wastes (Aerosol or paint related waste)

14. Transport Information

Transport as UN No 1950 Aerosol Class 2.1 in accordance with the ADG Code 6 Regulations the IMDG Code or the IATA DG Regulations as appropriate to mode of transport.

Appropriate EPG 2.D.1 or Guide 49 SAA/SNZ HB

15. Regulatory Information

Label as a Schedule 5 Poison in accordance with the SDUSDP the word "WARNING" on the first line of the label in bold sans serif capital letters not less than 5mm tall. On the second line immediately below the word "WARNING" the phrase "KEEP OUT OF CHILDREN" in bold sans serif capitals not less than 2.5 mm tall. Under the trade name the phrase "Contains Liquid Hydrocarbon 10% - 30% must appear) Label in accordance with the "National Code of Practice for the Labelling of Workplace Substances." (NOHSC: 2012 (1994) with the Risk and Safety Phrases displayed on page 1 of the MSDS. Label as a Dangerous Goods substance in accordance with the ADG Code with Class 2.1 Diamond. UN 1950 and the shipping name. Aerosols.

16. Other Information

Suitable extinguishing media: If material is involved in a fire use foam, dry chemical or water delivered as fog or fine spray if not available. Note: Water may be ineffectual due to low flash point but may be used to cool fire exposed containers.

Hazardous Combustion Products: When thermally decomposing CO₂ NO_x and complex hydrocarbons.

Precautions for fire and special equipment: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to exposure to vapour or products of combustion. Avoid bodily contact with substance run-off. Be aware of potential "mini-bleves" if aerosol cans are affected by fire.

Hazchem Code: 3 WE

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