

Trade Grade Products Ltd

Material Safety Data Sheet

1. Identification of the substance and Company Name

Material Name Tradelock NRG Polyolefin primer

Company Trade Grade Products Ltd
2 Thorne Way
Woolsbridge Industrial Park
Three Legged Cross
Wimborne
Dorset
BH21 6FB

Emergency Telephone 01202 820177

2. Composition/Information on Ingredients

Dichloromethane	1 - 2.5%	Xn	R40
Proprietary blend of aliphatic hydrocarbon solvents (Low Hexane)	70-100%	F	
Acetone	10 - 25%	F Xi	R11 - 36/37

3. Hazard Identification.

Highly flammable. Keep away from sources of ignition - NO SMOKING. Prolonged skin contact may cause defatting of the skin and dermatitis.

Harmful by inhalation, in contact with skin and if swallowed. Possible risk of irreversible effects.

4. First Aid Measures.

General In all cases of doubt or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person.

Inhalation	Remove to fresh air. Keep warm and at rest. If there is difficulty with breathing, give oxygen and obtain medical attention immediately.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner, do NOT use solvents or thinners. Avoid exposure to sunlight or other sources of UV Radiation
Eye Contact	Contact lenses should be removed. Flush with water for at least 15 minutes, holding the eyelids open. Obtain medical attention urgently. Avoid sunlight or other sources of UV Radiation.
Ingestion	If accidentally swallowed, seek medical advice immediately. Keep at rest. Do not induce vomiting.

5. **Fire Fighting Measures**

Fight fire with Carbon Dioxide, Dry powder, Halogenated hydrocarbons, Sand or foam. Do NOT use water spray.

Decomposition products may be hazardous to health (see section 10). Wear self contained breathing apparatus.

6. **Accidental Release Measures**

Personal Precautions	Exclude sources of ignition - DO NOT SMOKE. Avoid contact with skin, eyes and avoid breathing vapours. Wear goggles, gloves and respiratory protection where there is a risk of exposure to high vapour concentrations.
Environmental Precautions	Do not allow to enter drains sewers or water courses. Prevent liquid from entering sewers, basements and pits where vapour may create an explosive atmosphere.
Methods for cleaning up	Small spillages will evaporate very quickly. Larger spillages should be absorbed with a non combustible material, e.g. sand or earth and placed in suitable containers for disposal in accordance with local waste regulations.

7. Handling and Storage

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concentrations higher than the OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools and exclude sources of heat, sparks and flames. Keep containers tightly closed. Always store in containers made of the same material as the supply container.

Subject to the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations. Store between 5⁰C and 25⁰C in a dry, well ventilated place away from sources of heat, ignition or direct sunlight. Store away from Acids, alkalis and oxidising agents.

8. Exposure Controls/Personal Protection.

Engineering Measures Provide adequate ventilation by means of extraction (local exhaust ventilation) at point of use.

Occupational Exposure Limits

	<u>STD</u>	<u>Long term exposure</u>	<u>Short term exposure</u>
Dichloromethane	OES	100ppm	300ppm
Propreitary blend of aliphatic hydrocarbon solvents (low hexane)	OES	300ppm	
Acetone	OES	750ppm	1500ppm

Eyes Eye protection designed to protect against splashes should be worn.

Respiratory Protection If exposure to hazardous substances above cannot be controlled by provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.

Hand Protection impervious gloves should be worn

Skin Protection Cotton or cotton/synthetic overalls are normally suitable but should be removed immediately if contaminated and laundered before re use.

9. **Physical and Chemical Properties**

Appearance	thin liquid
Colour	pale yellow to clear
Odour	Pungent
Flash Point	8 ⁰ C
Inflammability	Highly Flammable
Specific Gravity	0.8
Soluble in	Partially soluble in water
Vapour density	Heavier than air

10. **Stability and Reactivity**

Stable under the recommended storage and handling conditions. In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. Contains material unstable above 50⁰C, in sunlight and other UV sources, free radical incitiators, peroxides, strong acids, alkalis, and reactive metals. Contact with any of the above may lead to uncontrolled exothermic polymerisation.

11. **Toxicological Information**

There is no data available on the product itself. Acrylate components have irritant properties. Prolonged or repeated exposure with skin or mucous membrane may result in irritant symptoms such as redness, blistering or dermatitis. Symptoms may be delayed. Cases of allergic skin reactions have been observed. Liquid splashes in the eye may cause irritation. Inhalation of airborne droplets may cause irritation of the respiratory tract. Ingestion may lead to severe respiratory difficulties, stimulation of the central nervous system and in extreme cases, unconsciousness.

12. **Ecological Information**

Large quantities should not be allowed to enter waterways, drains, rivers etc

13. **Waste Disposal**

Disposal of material is governed by the Control of Pollution (Special wastes) Regulations 1980. Non recoverable waste should be disposed of via a licensed disposal contractor.

14. **Transport Information**

CHIP Label for conveyance Highly Flammable : Irritant

15. **Regulatory Information**

EC labelling Highly Flammable : Irritant

Risk Phrases R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R11 Highly Flammable

Safety Phrases S2 Keep out of reach of children
S35 This material and its container should be disposed of in a safe way.
S48 If swallowed, seek medical advice immediately and show this container or label.
S13 Keep away from food, drink and animal feeding stuffs.

'P' phrases Do not breathe vapour/spray

16. **Further Information**

Date - 14th April 2001

This information is based on present knowledge and to the best of our knowledge is correct.