

Material Safety Data Sheet

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1. Identification of the substance/preparation and of the company/undertaking

Name/Code: **4G Cleaner (Glue, Grease, Grime & Graffiti)**

Manufacturer/Supplier: *Doro Tape (UK) Ltd
New Mill
Farndon Road
Market Harborough
Leicestershire
LE16 9NP
Tel: 01858 431642
Fax: 01858 466992*

2. Composition:

Major Components – Toluene 30-60%. Classification F: R11, CAS 108-88-3, EINECS 203-625-9.

Ethyl Acetate 30-60% Classification F: R11, CAS No 141-78-6, EINECS 205-500-4. Other components with a low percentage are pentane, heptane & isomers, methylcyclohexane.

3. Hazards Identification:



Highly Flammable



Dangerous to the environment

Information concerning particular hazards for humans and the environment:

Harmful by inhalation and will be irritating to the eyes. Toxic to aquatic organisms – may cause long- term adverse effects in the aquatic environment.

Prolonged and repeated exposure may cause skin dryness or cracking.

Ensure area is well ventilated when applying chemical to substrate as the vapour is heavier than air and will travel long distances.

First Aid Measures:

Inhalation: Coughing, drowsiness, dizziness – Remove from exposure and seek fresh air immediately - get medical attention.

Ingestion: DO NOT induce vomiting and seek medical attention immediately

Skin: Wash contaminated skin with soap/mild detergent and warm water, wash clothes. If irritation persists seek medical attention.

Eyes: Rinse immediately and continue to rinse for 15 minutes – seek medical attention.

Fire Fighting Measures:

Fire can be extinguished using Powder, Foam or CO2

If substance is involved in a fire use an air respirator if available and ensure closed spaces are ventilated before entering.

Unusual Fire/Explosion Hazards: Heat may cause container to explode. As the vapour is heavier than air this may cause ignition from the ground upwards.

There are toxic gases/vapours/fumes of: CARBON DIOXIDE (CO2) & CARBON MONOXIDE (CO)

Accidental Release Measures:

Prevent leak if possible without risk, avoid sparks, flames, heat and smoking. Respiratory and/or liquid protection should be worn when dealing with the substance. Clean thoroughly after use. Any contact with this substance to sewers, waterway or ground is totally forbidden. Absorb in dry sand, earth or vermiculite and place into containers which must be clearly labelled with the hazard signs and chemical content.

Disposal of this chemical must be in accordance with local regulations.

Handling and Storage:

Usage Precautions: Keep away from Heat/Sparks/Open Flame, Avoid spillage, skin and eye contact. Only use in a well ventilated area. Otherwise use an approved respirator if air contamination is above accepted level.

Storage Precautions: Keep away from oxidisers, heat & flames. Ground container to avoid static sparks. Store at moderate temperatures in a dry and well ventilated area.

Storage Criteria: Flammable liquid storage

Exposure controls and Personal Protection:

<i>Ingredient Name</i>	<i>Cas No:</i>	<i>STD:</i>	<i>Long Term exp 8 Hours</i>	<i>Short Term exp 15 Min</i>
<i>TOLUENE</i>	<i>108-88-3</i>	<i>OES</i>	<i>50 ppm (SK)</i>	<i>150 ppm (SK)</i>
<i>PENTANE</i>	<i>109-66-0</i>	<i>OES</i>	<i>600 ppm</i>	<i>750 ppm</i>
<i>METHYCYCLOHEXANE</i>	<i>108-87-2</i>	<i>OES</i>	<i>400 ppm</i>	<i>500ppm</i>
<i>ETHYL ACETATE</i>	<i>141-78-6</i>	<i>OES</i>	<i>200 ppm</i>	<i>400 ppm</i>

Protective Equipment:

Protective gloves made of Nitrite must be used if there is a risk of direct contact or splash. To avoid contact with eyes it is also recommended that goggles are worn

at all times when using this product. Wear appropriate clothing to prevent repeated or prolonged skin contact. Wash promptly if skin becomes contaminated. Also wash hands at the end of each working shift and before eating, smoking and using the toilet.

If air concentration exceeds acceptable level wear respiratory protection.

Physical and Chemical Properties:

The substance is a clear liquid containing organic solvents. The boiling point of the chemical is 67°C with the density/specific gravity being 0.9g/ml. The lower flammability limit is 1.5%.

Toxicological Information:

Inhalation of this product is harmful and may cause sensitisation. If ingested may also cause discomfort. Prolonged and repeated contact with skin will lead to dryness. Product will be irritating to eyes.

Ecological Information:

Dangerous to the environment. May cause long-term adverse effects in the aquatic environment.

Disposal Considerations:

General/Cleaning: This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor.

Disposal Methods: Dispose of in accordance with Local Authority requirements

Transport Information:

A flammable liquid label should be used for conveyance with the proper shipping name being *FLAMMABLE LIQUID, N.O.S.*

The hazchem code is 3YE.

UK & AIR packing Gr.11, Class/Item No 3

Emergency action code: 3-07

Risk Phrases:

R11, R20, R36, R51/53, R66

Safety Phrases:

S13, S16, S2, S25, S29/56, S33, S35/37/39, S46, S51, S61, S9

Other Information:

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

