



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade Name: *AGlaze Vinyl Dressing*

Use of the Substance/Preparation: *Liquid Vinyl Cleaner & Protector*

Identification of the company: *AGlaze Limited
4 Breckland Business Park, Watton
Norfolk. IP25 6UP*

Emergency telephone number: *01953 884999*

2. HAZARDS IDENTIFICATION

Hazards Description:

F Highly Flammable

Xn Harmful



Information concerning particular hazards for human and the environment:

The product has to be labeled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version.

R 11 Highly Flammable.

R 65 Harmful: may cause lung damage if swallowed.

Physical & Chemical Hazards:

Static discharge. Product can accumulate static charges which can cause an incendiary electric discharge.

Fire & Explosion Hazards:

Extreme Hazard. Leaks of gas or spills of liquid can readily form flammable mixtures at temperatures at or above the flash point.

Environmental Hazards:

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Classification System:

The classification is according to the latest editions of the EU-Lists, and extended by company and literature data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Description:

Composition based on a blend of solvents, silicone fluids and deodorants:

Dangerous Components:	CAS No:	CONTENT	SYMBOL	RISK
<i>HEPTANE (n-heptane content 35 %) Heptane mixtures of Isomers</i>	<i>142-82-5</i>	<i>70-100%</i>	<i>Xn, F</i>	<i>R11 R65</i>

Additional information: *Risk Phrases in this section apply to the raw materials, and not necessarily to the finished product.*

For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

- General:** *Immediately remove any clothing soiled by the product. By continuous complaints consult a physician.*
- Skin contact:** *Remove affected person from source of contamination. Remove grossly contaminated clothing including shoes and launder before reuse.. Treat affected skin with cotton wool or cellulose. Then flush with large amounts of water and soap. Get medical attention if symptoms persist.*
- Eye contact:** *Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes or until irritation subsides. If irritation persists get medical attention.*
- Ingestion:** *DO NOT INDUCE VOMITING! NEVER MAKE UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Do not give anything to drink! Get medical attention immediately!*
- Inhalation:** *Using approved respiratory protection, immediately remove the exposed person to fresh air at once. Administer artificial respiration, if breathing has stopped. Keep at rest. Call for prompt medical attention.*

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** *Foam, powder or water spray.*
- Fire fighting Procedures:** *Use water spray to cool surfaces exposed to fire to protect personnel. Shut off 'fuel' to fire. If a leak or spill has not ignited, use water sprays to disperse the vapours to protect people attempting to stop the leak. Either allow the fire to burn under controlled conditions or extinguish with foam or dry chemicals. Try to cover liquid spills with foam.*
- Special Hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Smoke and oxides of Carbon
- Additional Information:** *Avoid spraying water directly into storage containers due to danger of boil over.
Containers may explode if exposed to fire. Refer to section 4 and section 10.*

6. ACCIDENTAL RELEASE MEASURES

- Person related safety precautions:**
*Keep away from sources of ignition.
Refer to protective measures listed in sections 7 and 8.*
- Environmental Protection:** *Do not contaminate water sources or sewer.*
- Clean-up procedures:** *Absorb with non-combustible material (sand, earth)
Dispose of contaminated material as waste according to item 13.*

7. HANDLING AND STORAGE

General requirements:	<i>Keep container closed. Handle and open with care. Do not smoke when using this product. Empty product containers may contain product residue. Do not re-use empty containers without commercial cleaning or reconditioning.</i>
Fire – explosion Protection:	<i>Avoid heat, flame or sources of ignition. Protect from direct sunlight. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures. DO NOT pressurize, cut, weld or heat containers.</i>
Storage conditions:	<i>Keep in cool, dry, ventilated storage and tightly closed containers. Avoid heat, flame or sources of ignition. Avoid direct sunlight.</i>
Additional Warning:	<i>Container remains hazardous when empty. Continue to observe all precautions. Conformance with the Highly Flammable liquids and Liquefied Petroleum Gases Regulations 1972 is required.</i>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits (OEL): 120mg/m³ (250ppm)

Personal Protective Equipment:

General protective and Hygienic Measures:

DO NOT SMOKE IN WORK AREA!

Wash at the end of each work shift and before eating, smoking and using the toilet.

Keep away from foodstuffs, beverages and feed.

Do not inhale gases/fumes/aerosols.

Respiratory protection:

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below recommended threshold exposure limits.

Approved respirators may be necessary to prevent over exposure by inhalation.

Protection of hands:

The glove material has to be impermeable and resistant to the product/substance/preparation.



Use Chemical Resistant gloves

Eye protection:



Where contact is likely wear tightly sealed safety goggles with side shields

Body protection: *Protective work clothing.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	<i>Colourless Liquid.</i>
Freezing Point:	<i>< -50°C</i>
Flashpoint(°C):	<i>-4°C</i>
Explosive Limits in air:	<i>1.1-7.0 (vol%)</i>
Density:	<i>0.747g/cm³</i>
Vapour Density (air=1):	<i>> 1.00</i>
Auto Ignition Temp:	<i>> 200 °C</i>
Boiling Point Range:	<i>94 -99 °C</i>
Vapour pressure at 20°C:	<i>5.5 kPa</i>
Solubility in water:	<i>< 1.00 wt %</i>
Evaporation Rate:	<i>5.5</i>

10. STABILITY AND REACTIVITY

On combustion decomposes with evolution of oxides of carbon.

Materials to avoid: *May react with strong oxidising agents. Avoid oxidising materials.*

Hazardous decomposition products: *Oxides of carbon.*

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Skin contact: *Low order of toxicity. Frequent or prolonged use may irritate and cause dermatitis.*

Eye contact: *Irritating, but does not damage eye tissue.*

Inhalation: *Vapour concentrations above OEL are irritation to the eyes and respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects.*

Ingestion: *Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.*

12. ECOLOGICAL INFORMATION

Environmental Mobility: *This product is highly volatile and will evaporate to the air if released into the environment.*

Degradability: *This product biodegrades rapidly and is readily biodegradable according to OECD guidelines. This product can degrade rapidly in air. This product is expected to be removed in a waste water treatment facility. Although data exists to show that the product is not expected to persist in the aquatic environment, the European Classification rules require that it be classified as potentially causing long term adverse effects in the aquatic environment.*

Ecotoxicity: *Based on data for similar substance or estimated data. Expected to be toxic to aquatic organisms.*

13. DISPOSAL CONSIDERATIONS

Recommendation:

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: *As per substance.*

14. TRANSPORT INFORMATION

Label for conveyance:



Land Transport ADR/RID (Cross-border):

ADR Class No:	3 (F1) Flammable liquids.
Hazard ID No:	33
UN Number:	1268
Packaging group:	III
Hazard Label	33
Hazchem Code:	3YE

14. TRANSPORT INFORMATION (CONT'D)

Maritime Transport IMDG:

UN Number: 1268
 Label: 33
 Packing group: III

Air Transport ICAO-TI and IATA-DGR:

UN Number: 1268
 ICAO/IATA Class: 3
 Label: 33
 Packing Group: III

15. REGULATORY INFORMATION

Labelling in accordance to EU guidelines:

This product has been classified and marked in accordance with EU directives/Ordinance on Hazardous Materials.

Code Letter and Hazard designation of product:



Xn Harmful



F Highly Flammable

Supply labelling detail:

Highly Flammable contains petroleum distillate SIN 1268

Risk phrases: R-11 Flammable.
 R-65 Harmful: may cause lung damage if swallowed.

Safety Phrases: S-2 Keep out of reach of children.
 S-9 Keep container in a well ventilated place.
 S-16 Keep away from sources of ignition – No smoking..
 S-23 Do not breathe vapour.
 S-29 Do not enter into drains.
 S-33 Take precautionary measures against static discharges.

16. OTHER INFORMATION

Legal disclaimer: *The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.*

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information.

Wording of the R-phrases used in section 2/3:

R11 Highly Flammable.
R65 Harmful: may cause lung damage if swallowed.

REVISION DATE: 08/02/2009