

SAFETY DATA SHEET

Fast-Grip Super

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING.</p>
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PRODUCT NAME: Fast-Grip Super Gap Fill Adhesive

SUPPLIER: Aerosol and Fluid Technology Limited
Unit 8 Berryhill Industrial Estate
Berryhill Road
Fenton
Stoke-on-Trent
Staffordshire
ST4 2NL

TELEPHONE: 01782 285 700

2. HAZARDS IDENTIFICATION

Classification (CHIP): Xn:R20; Xi:R36/37/38; Xn:R40; Sens.:R42/43;
Xn:R48/20

Highly flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Diphenylmethane-4,4'- Di-Isocyanate	202-966-0	101-68-8	30-50%	Xn:R40; Xn:R20; Xi:R36/37/38; Xn:R40; Sens.:R42/43
Dimorpholinyl-diethyl Ether	229-194-7	6425-39-4	1-10%	Xi;R36/38.
Distillates (petroleum) light	265-149-8	64742-47-8	<2.5%	Xn:R65/66

The Full Text for all R-Phrases are displayed in Section 16.

4. FIRST-AID MEASURES

INHALATION

Remove casualty from exposure ensuring ones safety whilst doing so. Keep them warm and at rest. Consult a doctor if symptoms persist. In case of unconsciousness, place patient in the recovery position for transportation.

INGESTION

Rinse mouth thoroughly and drink plenty of water. DO NOT induce vomiting! Call for medical assistance immediately.

SKIN CONTACT

Remove all contaminated clothes and footwear immediately, unless stuck to skin. Wash immediately with plenty of soap and water.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water whilst lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms persist after washing.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, fog or mist. Foam. Carbon Dioxide (CO₂). Dry chemicals, sand, dolomite etc.

FIRE-FIGHTING ADVICE

Wear self-contained breathing apparatus. Wear protective clothing to prevent skin and eye contact.

UNUSUAL FIRE & EXPLOSION HAZARDS

In combustion emits toxic fumes. May explode when heated or when exposed to flames or sparks. May travel considerable distances to sources of ignition and flash back. Vapour explosion and poison hazard indoors, outdoors and in sewers.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self contained breathing apparatus. If outside, do not approach from downwind.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Turn leaking containers leak-side up to prevent the escape of liquid. Avoid sparks, flames, heat and smoking. Ventilate. Run off or release to sewer, waterway or ground is forbidden. Absorb in vermiculite, dry sand or earth and place into containers. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from sources of ignition. Provide adequate ventilation. Avoid spilling and skin and eye contact and the formation of mists in the air. Avoid acids, moisture and combustible materials.

STORAGE PRECAUTIONS

Flammable/combustible – keep away from oxidisers, heat and flames. Isolate from other materials. Store in a cool, dry and well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

WEL = Workplace Exposure Limit

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Ensure sufficient ventilation.

RESPIRATORY EQUIPMENT

Respiratory equipment must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Use approved safety goggles and ensure an eyewash station is to hand.

SKIN PROTECTION

Wear protective clothing.

HYGIENE MEASURES

DO NOT SMOKE IN THE WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash skin promptly with soap and water if becomes contaminated. When using, do not eat, drink or smoke. Use appropriate skin cream to prevent drying of skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Gel
COLOUR:	Clear
ODOUR:	Characteristic odour
EVAPORATION RATE:	Slow
OXIDISING:	Non-oxidising (by EC criteria)
SOLUBILITY IN WATER:	Viscous
RELATIVE DENSITY:	1.10
FLASH POINT (°C):	295

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

11. TOXICOLOGICAL INFORMATION

INHALATION

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

INGESTION

There may be soreness and redness of the mouth and throat.

SKIN CONTACT

There may be irritation and redness at the site of contact. Onset of symptoms may be delayed.

EYE CONTACT

There may be irritation and redness. The eyes may water profusely.

DELAYED/IMMEDIATE EFFECTS

Immediate effects can be expected after short-term exposure.

12. TOXICOLOGICAL INFORMATION**ECOTOXICITY**

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

13. DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste is classified as hazardous waste.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

UK ROAD CLASS:	3
PROPER SHIPPING NAME:	ADHESIVES
UN NO. ROAD:	1133
ADR CLASS NO.:	3
ADR PACK GROUP:	II
HAZARD NO. (ADR):	33
HAZCHEM CODE:	3YE
RID CLASS NO.:	3
UN NO. SEA:	1133
IMDG PACK GR:	II
UN NO. AIR:	1133
UK ROAD PACK GR.:	II
ADR CLASS:	Class 3: Flammable Liquids
TUNNEL RESTRICTION CODE:	(D/E)
ADR LABEL NO.:	3
CEFIC TEC(R) NO.:	30GF1-I+II, 30GF1-sp
RID PACK GR.:	II
IMDG CLASS:	3
EMS:	F-E, S-D
AIR CLASS:	3

15. REGULATORY INFORMATION

LABELLING:



SAFETY PHRASES:

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|-----------|--|
| S2 | Keep out of the reach of children. |
| S7 | Keep product/tube tightly closed. |
| S16 | Keep away from sources of ignition – NO SMOKING |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S46 | If swallowed, seek medical advice immediately and show label. |
| S51 | Use only in well-ventilated areas. |
| S61 | Avoid release to the environment. Refer to special instructions/ Safety Data sheets. |

16. OTHER INFORMATION

RISK PHRASES IN FULL:

R20	Harmful by inhalation
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.
R40	Limited evidence of carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R66	Harmful: May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

GENERAL INFORMATION

This product should be used as directed by AFT Ltd. For further information consult the product data sheet or contact Technical services.

INFORMATION SOURCES

This safety data sheet was compiled using current safety information supplied by the distributor of raw materials.

REVISION COMMENTS

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Aerosol and Fluid Technology Ltd.

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This advice is given by Aerosol & Fluid Technology Limited who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore, be construed as guaranteeing specific properties.