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Material Safety Data Sheet

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### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:

3M (TM) CLEAR GEL ADHESIVE P/N 08100, 08150, 08095 (XA-9384)

3M Product ID:

FS-9100-3102-0

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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient name and classification	CAS number	Percentage
DICYCLOPENTADIENE POLYMER	142-82-5 ( F ;	20.0 -
HEPTANE AND ISOMERS	Xn, N ;	25.0 20
EU Hazard Symbols and Risk Phrases: R:11-38-50/53-65-67)	—	10.0 - 15.0
SYNTHETIC RUBBER HEXANE	Mixture	13 - 15
AND ISOMERS CYCLOHEXANE	110-82-7	5 - 7 F,
EU Hazard Symbols and Risk Phrases: Xn, N ; R:11-38-50/53-65-67	7631-86-9	1.0 - 5.0
SILICON DIOXIDE (AMORPHOUS) ALPHA-	Mixture	1.0 - 5.0
METHYLSTYRENE POLYMERS METHYLCYCLOHEXANE	108-87-2	4 - 6
EU Hazard Symbols and Risk Phrases: CYCLOPENTANE ( F ; R : 11 )	( F , Xn , N ; R:11-38-51/53-65-67)	
EU Hazard Symbols and Risk Phrases: N-HEXANE	287-92-3	1 - 3 F ;
EU Hazard Symbols and Risk Phrases: R:11-52/53	110-54-3	1 - 2
EU Hazard Symbols and Risk Phrases: R:11-38-48/20-51/53-62-65-67)	( F , Xn , N ;	
PENTANE	109-66-0 F+,	0.5 - 1.0
EU Hazard Symbols and Risk Phrases: R:12-51/53-65-66-67	Xn, N ;	

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### 3 HAZARDS IDENTIFICATION

Critical hazards:

Highly flammable. Irritant. Dangerous to environment. Irritating

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Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

#### 4 FIRST-AID MEASURES

##### Eye Contact:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

##### Skin Contact:

Flush skin with large amounts of water. If irritation persists, get immediate medical attention.

##### Inhalation:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

##### Ingestion:

If swallowed, call a medical doctor immediately. Only induce vomiting at the instruction of a medical doctor. Never give anything by mouth to an unconscious person.

#### 5 FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media:

Water spray, Carbon dioxide, Dry chemical, Foam.

##### Exposure Hazards:

During Fire: Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

##### Fire-Fighting Procedures:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

#### 6 ACCIDENTAL RELEASE MEASURES

##### Personal Precautions:

Observe precautions from other sections.

##### Methods for Cleaning up:

Cover with absorbent material. Collect spilled material. Place in

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## 7 HANDLING AND STORAGE

### Precautions for Safe Storage:

Keep container closed when not in use.

### Precautions for Safe Handling:

Keep container tightly closed.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye Protection:

Avoid eye contact. Wear vented goggles,

### Hand Protection:

Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: Nitrile rubber. Polyethylene/ethylene vinyl alcohol. Polytetrafluoroethylene (Teflon). Fluoroelastomer.

### Skin Protection:

Avoid prolonged or repeated skin contact.

### Respiratory Protection:

Avoid prolonged breathing of vapours.

### Ingestion:

Do not ingest. Keep out of the reach of children.

### Recommended Ventilation:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits.

### DICYCLOPENTADIENE POLYMER (—) Exposure

Limits:

### HEPTANE AND ISOMERS (142-82-5) Exposure

Limits:

UK HSE TWA: 500 ppm; 1600 mg/m<sup>3</sup> OES UK HSE

STEL: 500 ppm; 2000 mg/m<sup>3</sup> OES

### SYNTHETIC RUBBER (—) Exposure

Limits:

### HEXANE AND ISOMERS (Mixture) Exposure

Limits:

### CYCLOHEXANE (110-82-7) Exposure

Limits: UK HSE TWA

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UK HSE STEL  
: 300 ppm; 1050 mg/m3 OES

SILICON DIOXIDE (AMORPHOUS) (7631-86-9)

Exposure Limits:

UK HSE TWA: 6 mg/m3 Total inhalable dust; 3 mg/m3 Respirable dust OES

ALPHA-METHYLSTYRENE POLYMERS (Mixture)

Exposure Limits:

METHYLCYCLOHEXANE (108-87-2)

Exposure Limits:

UK HSE TWA: 400 ppm; 1600 mg/mS OES UK

HSE STEL: 500 ppm; 2000 mg/m3 OES

CYCLOPENTANE (F; R:11) (287-92-3)

Exposure Limits:

UK HSE TWA: 600 ppm; -1800 mg/m3 OES UK

HSE STEL: 750 ppm; 2250 mg/m3 OES

N-HEXANE (110-54-3) Exposure Limits: UK

HSE TWA: 20 ppm; 72 mg/m3 OES

PENTANE (109-66-0)

Exposure Limits:

UK HSE TWA: 600 ppm; 1800 mg/m3 OES UK

HSE STEL: 750 ppm; 2250 mg/m3 OES

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour:

pH: Boiling point/boiling range:

Melting point/melting range: Flash point: Autoflammability:

Transparent, colourless, thixotropic paste.

Not applicable

65.00 - 100.00 C (range is based on petroleum distillate)

Not determined.

0.00 C

Not determined.

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Water Solubility: Nil  
Specific gravity: 0.825 Water=1  
Vapour density: Not determined.  
Volatile organic compounds: Not determined.  
Evaporation rate: Not determined.  
Viscosity: Approximately 50000.0 centipoise

Percent volatile:

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#### 10 STABILITY AND REACTIVITY

Materials to Avoid:  
Not applicable.

Hazardous Decomposition:  
Carbon Monoxide and Carbon Dioxide, Aldehydes. Ketones  
Hydrocarbons.

#### 11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:  
Mild Eye Irritation: signs/symptoms can include redness, swelling,  
pain, tearing, and hazy vision.

Effects from Skin Contact:  
Moderate Skin Irritation: signs/symptoms can include redness,  
swelling, itching, and dryness.

Effects from Inhalation:  
Single overexposure, above recommended guidelines, may cause: Central  
Nervous System Depression: signs/symptoms can include headache,  
dizziness, drowsiness, incoordination, slowed reaction time, slurred  
speech, giddiness and unconsciousness. Upper respiratory irritation:  
signs/symptoms can include soreness of the nose and throat, coughing  
and sneezing. Prolonged or repeated overexposure, above recommended  
guidelines, may cause: Kidney Effects: signs/symptoms can include  
reduced urine volume, blood in urine and back pain. Liver Effects:  
signs/symptoms can include yellow skin(jaundice) and tenderness of  
upper abdomen. Peripheral Nervous System Changes: signs/symptoms can  
include tingling of

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Effects from Ingestion:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions. Aspiration Pneumonitis (Inflammation of the lungs after inhalation of vomit) signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal. Ingestion may cause: Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomit, and blood in faeces.

12 ECOLOGICAL INFORMATION

Other Effects and Information: Not determined.

13 DISPOSAL CONSIDERATIONS

Special Instructions:

Incinerate in an industrial or commercial facility in the presence of a combustible material. Dispose of completely cured (or polymerised) material in a landfill/waste disposal site. Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: UN1133

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number: UN1133

Class: 3.2

Packing Group: III

Proper Shipping Name: ADHESIVES

CDG-ROAD (if applicable) If the product is in container size of 10 litres or more CDG-ROAD applies.

ADR/RID CLASSIFICATION:

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Class: 3 5 c  
Item Number:  
ICAO/IATA CLASSIFICATION: 3  
Class: Sub-Risk: Packing Not applicable  
Group: Proper Shipping III  
Name: ADHESIVES

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#### 15 REGULATORY INFORMATION

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##### Symbol (s) :

Flame (Highly Flammable) St. Andrew': Cross (Irritant) N Dangerous  
to environment.

##### Risk Phrases:

Highly flammable. Irritating to skin. Vapours may cause drowsiness  
and dizziness. Very toxic to aquatic organisms. May cause long-term  
adverse effects in the aquatic environment.

##### Safety Phrases:

Keep away from heat. Keep away from sources of ignition - No  
Smoking. Avoid contact with the skin and eyes. Do not breathe  
vapour. Use only in well ventilated areas. In case of contact with  
eyes, rinse immediately with plenty of water and seek medical  
advice. After contact with skin, wash immediately with plenty of  
water. This material and/or its container must be disposed of as  
hazardous waste. Avoid release to the environment. Refer to special  
instructions/safety data sheets.

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#### 16 OTHER INFORMATION

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##### Regulatory Information:

The following UK Regulations as amended may affect the product as supplied:  
The Chemicals (Hazard Information and Packaging for supply) Regulations,  
as amended. The Carriage of Dangerous Goods (Classification, Packaging and  
Labelling) and use of Transportable Pressure Receptacles Regulations 1996,  
as amended. Carriage of Dangerous Goods by

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amended.

The Petroleum  
(Consolidation) Act 1928.  
The Control of Substances  
Hazardous to Health  
Regulations 1999 as amended.  
The Special Waste Regulations  
1996, as amended. The  
Environmental Protection Act,  
1990 The Health and Safety  
at Work Act, 1974.

Reissue date/Reason for reissue.

Updated ingredients, first aid, exposure, toxicological and  
label information.

Intended Use of Product:

This is a clear, gel adhesive used in the Automotive Refinish  
Market. It can be used on most trim materials including  
rubber, carpets and plasticised PVC.

The information on this Data Sheet is based on our experience and  
is correct to the best of our knowledge at the date of publication,  
but we do not accept any liability for any loss, damage or injury  
resulting from its use (except as required by law).

The information may not be valid for any use not referred to in  
this Data Sheet or use of the product in combination with other  
materials.

For these reasons, it is important that customers carry out their  
own test to satisfy themselves as to the suitability of the product  
for their own intended applications.

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Product List

3M Stock Number : FS-9100-3102-0  
08150 CLEAR GEL ADH. GB/E/P/GR 6X500ML  
Customer Part Nbr: 08150  
8150 CLEAR GEL  
6 x 500ML/CASE

Transport Info. :  
PLEASE SEE SECTION 14: TRANSPORT INFORMATION