



Material Safety Data Sheet

Glue G1

Created : May/14/2019

1. Identification of the mixture and of the company/undertaking

Product identifier

Glue

Relevant identified uses of the substance or mixture and uses advised against

Glue

Details of the supplier of the safety data sheet

Company name : Fancy Academy Limited

Company address : 92 Church St, Swinton, S64 8DQ

Telephone number : 01709 273925

2. HAZARDS IDENTIFICATION

Emergency classification

Serious eye damage/eye irritation. Skin corrosion/irritation; Skin sensitization;
Specific target organ system toxicity-single exposure.

Warning information

GHS Label



Signal word

Warning

Hazard statement

Cause serious eye irritation; Cause Skin irritation; May cause allergic skin reaction; May cause respiratory irritation or May cause drowsiness and dizziness

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identification

: Liquid typed Glue.

: Weighs approximately 5g.

CAS Number

: Not applicable since the product is a preparation.

EINECS/ELINCS

: Not applicable since the product is a preparation.

The product is a complex mixture of substances of which the following have been classified as presenting a health or environmental hazard or as having an occupational exposure limit within the meaning of the Directive 67/548/EEC or 1999/45/EC

COMPOSITION

Substance	CAS-No.	EC-No.	Content
Ethyl Cyanoacrylate	7085-85-0	n/a	80~85%
PMMA	9011-14-7	n/a	10~15%
Carbon Black	1333-86-4	n/a	<5%

4. FIRST AID MEASURES

First Aid: Eyes

If eye contact occurs, hold eyelid open and rinse thoroughly but gently with only water for 15 minutes and GET MEDICAL ATTENTION. Do not use any solvents to flush the eye and its surroundings. Liquid glue will sting eye temporarily. Solidified glue may irritate eye like a grain of sand and should be treated by an eye doctor.

5. FIRE-FIGHTING

MEASURES EXTINGUISHING

MEDIA Hazardous Combustion

Products

Oxides of carbon.

Extinguishing Media

In case of fire, use water spray, dry chemical, foam or CO₂. Use water to keep fire- exposed containers cool.

Unsuitable Extinguishing Media

None

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Recovery and Neutralization

Stop the flow of material, if this is without risk.

Materials and Methods for Clean-Up

Eliminate all ignition sources. Soak up with absorbent material and remove to a chemical disposal area.

Emergency Measures

Isolate area. Keep unnecessary personnel away.

Personal Precautions and Protective Equipment None

Environmental Precautions

Prevent entry into natural bodies of water.

Prevention of Secondary Hazards None

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end uses

No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

Ethyl cyanoacrylate

ACGIH: 0.2 ppm TWA

Austria : 2 ppm TWA [TMW]; 9 mg/m³ TWA[TMW]

Belgium : 0.2 ppm TWA ; 1.04 mg/m³ TWA Denmark :

2 ppm TWA ; 10 mg/m³ TWA

Spain : 0.2 ppm TWA[VLE-ED]

Sweden : 2 ppm LLV ; 10mg/m³ LLV. 4ppm STV ; 20mg/m³ STV

Polymethylmethacrylate

None.

Carbon Black

AIHA: 3.5mg/m³ TWA

Engineering Measures

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Personal Protective Equipment: Hands Wear

appropriate chemical resistant gloves. **Personal**

Protective Equipment: Eyes

Use goggles if contact is likely.

Personal Protective Equipment: Skin and Body

Wear appropriate chemical resistant clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black
Physical State	Liquid
Vapor Pressure	0.13mmHg @20°C
Boiling point	195°C
Solubility (in H₂O)	Insoluble
Freezing point VOC	NA
Flash point	NA
Viscosity(cps,@20°C	75-85°C
)	120~150 cps @ 25°C
	Irritating

Odor	NA
pH	> 1
Vapor Density (air=1)	
Specific gravity	1.03
Burning rate	NA
Melting Point	NA
Evaporation Rate	< 1
Octanol/H₂O Coeff	NA
Flash point method	CC (Closed Cup)
Auto ignition	485°C
UFL	NA
LFL	NA

10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable, but may become unstable at high temperatures or may react with water.

Hazardous Reaction Potential

Will not occur.

Incompatible Products

Water, alcohols, amines, bases and direct UV.

Hazardous Decomposition Products Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

A. General Product Information

None anticipated under normal product use conditions.

B. Component Analysis – LD₅₀/LC₅₀

Ethyl Cyanoacrylate (7085-85-0)

Oral Ld₅₀ Rat > 5mL/kg

Potential Health Effects: Skin Corrosion Property/Stimulativeness

Bonds skin instantly. Causes irritation.

Potential Health Effects: Eye Critical Damage/ Stimulativeness

Bonds eyelids instantly. Causes irritation.

Potential Health Effects: Ingestion

This product is not reported to have any ingestion hazards.

Potential Health Effects: Inhalation

May be harmful if inhaled. Vapor may cause irritation of nose, throat and lungs.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have skin sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity**A. General Product Information**

No information available for the product.

B. Component Carcinogenicity**Methyl methacrylate polymer (9011-14-7)**

IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any specified target organ single exposure effects.

Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any specified target organ repeat exposure effects.

Aspiration Respiratory Organs Hazard

This product is not reported to have any aspiration hazards

12. ECOLOGICAL INFORMATION**Ecotoxicity****A. General Product Information**

No information available for the product.

B. Component Analysis - Ecotoxicity - Aquatic Toxicity

Ethyl cyanoacrylate : No information available

Persistence/Degradability

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility in Soil

No information available for the product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

UN Number

DOT Classification / IMDG / IATA : Not regulated

UN proper shipping name

Not available

Transport hazard class(es)

Not available

Packing group

Not available

Environmental hazards

DOT Classification / IMDG / IATA : No

Additional information

Not available

15. REGULATORY INFORMATION

Hazard labels : Xi irritant

R-phrases : R36/38 Irritating to eyes and skin. R43 May cause sensitization by Skin contact.

S-Phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. S28 After contact with Skin, wash immediately with plenty water and soap.

S37/39 wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)