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## **3M™ Scotch-Weld™ Instant Adhesive Gel CA50 Clear, 20 g Tube, 12 per case**

**One-Part, High Strength, Surface Insensitive Gel Cyanoacrylate Adhesive. Use in Non-Sag Vertical Applications and Fill Gaps Up to .020 Inches. Very Slow Cure.**

3M Id : 62-3872-0330-0

### **Additional Information**

Its gel consistency allows it to be used in many non-sag vertical applications, and to fill gaps up to .020 inches. Its very slow cure rate allows maximum time to reposition parts.

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1 Product Identification  
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Tradename:

3M(TM) SCOTCH-WELD(TM) INSTANT ADHESIVE CA-50 GEL

Product ID:

62-3872-0330-0 62-3872-3630-0 62-3872-0335-9 62-3872-3635-9

Intended Use of Product:

Structural Strength Instant Adhesive

Division:

INDUSTRIAL ADHESIVES AND TAPES  
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2 Composition/Information on Ingredients  
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Ingredient Name	CAS Number	Percentage
ETHYL CYANOACRYLATE	7085-85-0	60 - 100
POLY(METHYL METHACRYLATE)	9011-14-7	10 - 30
HYDROQUINONE	123-31-9	0.1 - 0.5

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

3 Hazards Identification

Flash point: 5 C TCC  
Lower Explosive Limit (%): Not Available  
Upper Explosive Limit (%): Not Available  
Autoignition temperature: Not available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

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.

Combustion Products from Fire:

Carbon monoxide - During Combustion;  
Carbon dioxide - During Combustion;  
Oxides of Nitrogen - During Combustion;

Fire Fighting Procedures:

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 2  
NFPA: Fire 2  
NFPA: Reactivity 1  
NFPA: Unusual Reaction Hazard none

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep out of the reach of children.

Recommended Ventilation:

Use with appropriate local exhaust ventilation. Do not use in a confined area or areas with little or no air movement. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

Special Instructions:

DO NOT wear cotton gloves.

Ingredient Exposure Data

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ETHYL CYANOACRYLATE (7085-85-0)

Specific Ingredient Data

No data available.

LD50 (rat, oral) >5 ml/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 0.2 ppm

POLY(METHYL METHACRYLATE) (9011-14-7)

Specific Ingredient Data

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No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

HYDROQUINONE (123-31-9)

LD50 (rat, oral) 320 mg/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 2 mg/m<sup>3</sup> (Table A3)

CMRG: STEL 4 mg/m<sup>3</sup>

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9 Physical and Chemical Properties

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Physical form,Color,Odour: Liquid; gel; clear;  
colourless; sharp, irritating  
odour;

Odour Threshold: No data available.

pH: Not applicable

Boiling point/boiling range: 5 C @6 mmHg

Melting point/melting range: Not applicable

Vapour pressure: mmHg at 20 C

Water Solubility: Nil

Partition coefficient (K o/w): Not Available

Specific gravity: .05 Water=1

Vapour density: Not applicable

Volatile organic compounds: Not available

Evaporation rate: Negligible

Viscosity: 45000 -85000 centipoise

Percent Volatile: % by weight

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10 Stability and Reactivity

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Conditions to Avoid:

criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

EINECS - European Inventory of Existing Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

MITI - Ministry of International Trade and Industry (JAPAN)

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16 Other Information

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Reason for Reissue:

The following Sections and topics have been updated or revised:

Section 1 - Intended Use of Product;

Section 2 - Composition/Information on Ingredients;

Section 3 - Hazards Identification - Critical Hazards;

Section 4 - First Aid Measures;

Section 5 - Fire Fighting Measures

Section 6 - Accidental Release Measures;

Section 7 - Handling and Storage;

Section 8 - Exposure Controls/Personal Protection;

Section 9 - Physical and Chemical Properties;

Section 10 - Stability and Reactivity;