SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID:	0205-000X-00XX OR TUS-9-XXXX		
Product Name:	CA GLUE (THIN, MEDIUM,THICK)		
Revision Date:	Jun 23, 2016	**Date Printed:**	Feb 22, 2018
Version:	1.0	**Supersedes Date:**	N.A.
Supplier's Name:	TOUCH-UP SOLUTIONS		
Address:	4372 Providence Mill Rd Maiden, NC, US, 28650		
Emergency Phone:	1-800-535-5053 I International : 1-352-323-3500		
Information Phone Number:	1-828-428-9094		
Fax:	1-828-428-9970		

Product/Recommended Uses: ADHESIVE USED IN ASSEMBLY FOR BONDING

SECTION 2) HAZARDS IDENTIFICATION

Classification

Specific Target Organ Toxicity -Single Exposure (Respiratory Tract Irritation) - Category 3

Skin Irritation - Category 2

Eye Irritation - Category 2A

Skin Sensitizer - Category 1

Flammable Liquids - Category 4

Pictograms

Signal Word

Warning

Hazardous Statements - Physical

Combustible Liquid

Hazardous Statements - Health

May cause respiratory irritation

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wash with water and soap thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Contaminated work clothing should not be allowed out of the workplace.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary Statements - Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

Specific treatment (see First-aid on this label).

If skin irritation or a rash occurs: Get medical advice/attention.

Take off contaminated clothing. And wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use DRY chemical, alcohol-resistant foam, carbon-dioxide, water spray/fog to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Store locked up. Keep container tightly closed. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/container to disposal recycling center.
Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazards Not Otherwise Classified (HNOC)

None.

Additional information

DANGER! Contains cyanoacrylate. Bonds Skin and eyes in seconds. Keep out of reach of children.

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0007085-85-0	ETHYLCYANOACRYLATE	80% - 100%
0009011-14-7	POLYMETHYL METHACRYLATE	10% - 20%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).Rinse skin with lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

Peel or roll skin apart.

Ingestion

Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor, if you feel unwell.

Important symptoms and effects, both acute and chronic

Eyes contact: Will bond eyelids. Will cause excessive tearing.
Skin contact: Bonds skin in seconds. May cause sensitization by skin contact. Cyanoacrylates generate heat on polymerization, so very large amounts will burn the skin.
Ingestion: Adhesive becomes solids in contact with saliva and may adhere to the inside of the mouth. Saliva will adhesive in 1-2 days.

Inhalation: Prolonged and excessive inhalation can cause respiratory tract irritation. Avoid exposure to vapor concentration in confined areas.
Chronic effects: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Unsuitable Extinguishing Media

Do not use water jet.

Special hazards in case of fire

Combustible liquid and vapor.

Vapors are heavier than air and may travel to a source of ignition and flash back.

Product polymerized to solid by water.

Hazardous Combustion Products: Oxides of carbon.

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning Up

Polymerize with water. Solid material may be scraped from surface. In large spills, increase ventilation to area.

Recommended Equipment

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

Ground and bond containers when transferring materials. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard.

STORAGE TEMPERATURE: Ideal storage: 41-50°F (5-10°C)
Shelf life: One year from date of shipment.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: Nitrile rubber gloves. Do not use PVC, Nylon or Cotton materials. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use impervious, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Recommended: Full-face NIOSH-approved respirator with organic vapor cartridge.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Skin designation	OSHA Carcinogen	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen	ACGIH TWA (mg/m3)
ETHYLCYANOACRYLATE												1.0

Chemical Name	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Notations	ACGIH TLV Basis	ACGIH Carcinogen
ETHYLCYANOACRYLATE	0.2				URT & skin irr	

irr - Irritation, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	8.93 lb/gal
Specific Gravity	1.07
% VOC	86.67%
Density VOC	7.74 lb/gal
% Solids By Weight	13.33%

Appearance	Clear, opaque, slight liquid
Odor Description	Characteristic odor, intensely irritating
Odor Threshold	1 ppm/no unit specified
pH	N/A
Flammability	Flash point at or above 100°F/38°C and less than 200°F/93°C
Flash Point Symbol	N/A
Flash Point	80 °C (176 °F) to 93.4 °C (200 °F) TAG CC
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Low Boiling Point	>300 °F (149 °C)
High Boiling Point	N/A
Water Solubility	Insoluble
Viscosity	N/A
Freezing Point	N/A
Melting Point	N/A
Vapor Pressure	<0.2 mmHg
Vapor Density	N/A
Coefficient Water/Oil	N/A
Auto Ignition Temp	905 °F (485 °C)
Evaporation Rate	N/A
Decomposition Pt	N/A

SECTION 10) STABILITY AND REACTIVITY

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Oxides of nitrogen and probably hydrogen cyanide are also possible.

Stability

Stable in normal conditions

Incompatible Materials

Strong oxidizing agents, acids, alkalies.

Hazardous reactions/polymerization

Possible polymerization reaction in the presence of water, amines, alkalis and alcohols.

Conditions to avoid

Avoid flame, spark, heat and contact with incompatible materials.

Avoid temperatures above 176°F (80°C), moisture and alkalines.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely route of exposure

Not available.

Skin Corrosion/Irritation

Causes skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Carcinogenicity

No Data Available

Germ Cell Mutagenicity

No Data Available

Reproductive Toxicity

No Data Available

Respiratory/Skin Sensitization

May cause an allergic skin reaction

Specific Target Organ Toxicity - Single Exposure

May cause respiratory irritation

Specific Target Organ Toxicity - Repeated Exposure

No Data Available

Aspiration Hazard

No Data Available

Acute Toxicity

No Data Available

0007085-85-0 ETHYLCYANOACRYLATE

LD50 (oral,rat):>5 mL/kg

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No Data Available

Mobility in Soil

Readily absorb into soil.

Other Adverse Effects

Negligible ecotoxicity

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

Status: Not regulated
UN Number: N/A
Proper Shipping Name: N/A
Hazard Class: N/A
Packaging group: N/A
Marine Pollutant: N/A
Poison Inhalation Hazard: N/A
Reportable Quantity (RQ): N/A

IMDG Information

Status: Not regulated
UN Number: N/A
Proper Shipping Name: N/A
Hazard Class: N/A
Packaging group: N/A
Marine Pollutant: N/A

IATA Information

Status: Not Regulated (less than 500 mL)
UN Number: N/A
Proper Shipping Name: N/A
Hazard Class: N/A
Packaging group: N/A
Marine Pollutant: N/A
Above 500 ml : AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE), UN3334, 9

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0007085-85-0	ETHYLCYANOACRYLATE	80% - 100%	VOC
0009011-14-7	POLYMETHYL METHACRYLATE	10% - 20%	IARCCarcinogen

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

OTHER

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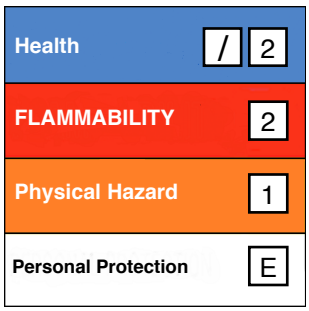
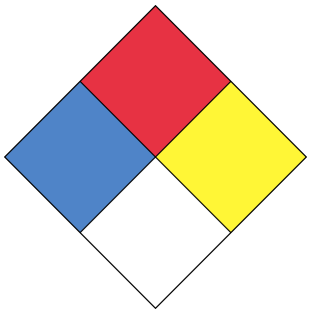
HMIS



NFPA



(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Version 1.0:

Revision Date: Jun 23, 2016

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