MSDS

(Posted 9/11/2012)

The attached MSDS sheets supersede all other MSDS sheets. Please file accordingly.

VENDOR: **DEVCON C246**

STOCK#	MFG# DESCRIPTION
G31-580	29345 SUPER GLUE GEL

Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

SUPER GLUE GEL

This product appears in the following stock number(s):
29305, 29345, 30224

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: SUPER GLUE GEL
General use: Bonds skin and eyes immediately. In case of skin or eye contact, do not force bonded surfaces apart; follow first aid instructions below
Chemical family: Cyanoacrylates

MANUFACTURER
ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION
Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
ETHYL-2-CYANOACRYLATE 7085-85-0	n/e	>70	0.2 ppm	n/e	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance	Not listed	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Clear viscous liquid with sharp, irritating odor

WARNING!. Cyanoacrylate Esters. Can cause severe eye injury. Bonds body tissue in seconds.

Potential health effects

Primary Routes of Exposure: Eye. Skin. Inhalation (breathing)

Symptoms of acute overexposure
Skin: Bonds skin rapidly and strongly. Large quantities may cause burns
Eyes: May bond eyelids. A large drop may cause a burn upon solidification Lachrymator, double vision
Inhalation: Irritation or burns of nose, throat and bronchia (cough, chest pain, difficulty breathing).
Ingestion: The adhesive solidifies and adheres in the mouth, almost impossible to swallow. Lips may bond together.
Effects of Chronic Exposure: Possible respiratory sensitization, asthmatic effects.

Medical Conditions Recognized as Being Aggravated by Exposure:
Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Eye Contact: Flush with lukewarm water for 15 minutes. Call a physician immediately. Do not attempt to peel bonded eyelids from eye!.

Skin Contact: Immerse in warm, soapy water. Do not force apart.

Inhalation: Move to fresh air; get medical attention if symptoms persist.

Ingestion: Ingestion is not likely. The adhesive solidifies and adheres in the mouth. If lips are accidentally stuck together, apply lots of warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips with direct opposing action. Saliva will lift the adhesive in one half to two days.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam

Flash point: >170°F **Method:** SCC

Lower Explosive Limit: n/d **Upper Explosive Limit:** n/d

Special Fire-Fighting Procedures: Firefighters shoud wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact.

Unusual Fire/Explosion Hazards:
Water may spread fire due to product floating on surface. Cloths used to wipe spills may polymerize and auto-ignite.

Hazardous Products of Combustion:
Oxides of carbon, Oxides of nitrogen

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Flood area with water to cure and to control product vapors. Wear the appropriate personal protective equipment.

Containment: N/A

Cleanup: Wipe or scrape up spill material. Place in an appropriate waste container for disposal.

Special procedures: Contact with cotton or wool may result in a strong exothermic reaction which can result in a fire.

7. HANDLING AND STORAGE

Handling precautions: Cyanoacrylates bond skin rapidly and strongly. May also bond eyelids and/or skin. Wear appropriate ventilation/respiratory protection against decomposition products (see Section 8).

Storage: Keep in cool and dark place. Avoid direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:
General ventilation is adequate for occasional use. Where the adhesive is in continual use or is heated, or heating cured adhesive over 400°F, provide local exhaust to keep vapors below the TLV.

Other engineering controls: Have emergency shower and eye wash available.

Personal protective equipment

Eye and face protection: Safety glasses with side shields or splash-proof goggles are recommended

Skin protection: Polyethylene gloves and apron. Do not wear rubber or cloth gloves.

Respiratory protection: An approved organic vapor respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.05

Boiling Point: >212°F

Melting point: n/d

Vapor Density (Air=1): Approximately 3

Vapor Pressure: <0.5 mm Hg

Evaporation Rate: n/d

VOC: <20 g/l (California SCAQMD Method 316B)

Solubility in water: Immiscible

pH (5% solution or slurry in water): n/d

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: High temperatures.

Incompatabilities: Base cotton, wool, water, alkaline (basic) materials

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

Conditions under which hazardous polymerization may occur: Contamination with water, alkaline materials or peroxides may build-up pressure in a closed container.

11. TOXICOLOGICAL INFORMATION

Eye Contact: Instantly bonds eyelid to eyelid and/or eye.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: No data available.

Other chronic effects: None known.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
ETHYL-2-CYANOACRYLATE 7085-85-0	n/d	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

–

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Mobility and persistence: No data available

Environmental fate: No data available

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:
All ingredients of this product are listed or are exempt from listing on the TSCA Inventory

The following RCRA code(s) applies to this material if it becomes waste:
None

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
ETHYL-2-CYANOACRYLATE 7085-85-0	No	No	0.0	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.
**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Fire hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Canadian Regulations
WHMIS Hazard Class: B3 COMBUSTIBLE LIQUIDS, D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:
Health 2* Flammability 2 Physical Hazard 1

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: December 21, 2010
Revision Number: 3

The information and recommendations in this document are based on the best information available to us at the time of preparation, but we make no other warranty, express or implied, as to its correctness or completeness, or as to the results of reliance on this document.