

MATERIAL SAFETY DATA SHEET

VINYL ESTER QUICK SET - PART C

I. 24-HOUR EMERGENCY CONTACT INFORMATION

CHEM-TEL United States 800-255-3924
International 813-248-0585

II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Component Identification	CASRN	OSHA PEL	ACGIH TLV	% (by weight)
Methyl Acetoacetate	0000105-45-3	None Established		100

Product Description **COLD WEATHER / CURE ACCELERATOR**

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point 338 °F (170°C)
Melting Point -67°F (-55°C)
Vapor Pressure 1.00 mmHg @ 68°F (20°C)
Vapor Density (Air = 1) 4.0
Specific Gravity (Water = 1) 1.078 @ 68°F (20°C)
Evaporation Rate (butyl acetate = 1) 0.12
pH 4.1
Appearance and Odor Clear Liquid, Sweet Odor
Odor Threshold Not Determined

IV. FIRE and EXPLOSION HAZARDS

Flash Point 158°F (70°C), Setaflash Closed Cup
Autoignition Temperature 536°F (280°C)
LEL / UEL Not Determined
Extinguishing Media Water Spray, Dry Chemical, CO₂, Alcohol Foam
NFPA Ratings Health (2) – Flammability (2) – Reactivity (1)

Special Firefighting Procedures: Use self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

Fire and Explosion Hazards: The material is combustible.

V. REACTIVITY DATA

Stability Stable
Hazardous Polymerization Will Not Occur
Conditions to Avoid Excessive heat and sources of ignition
Incompatibilities Oxidizing Materials
Hazardous Decomposition Products CO, and CO₂

VI. HEALTH HAZARD DATA

Route(s) of Entry: Inhalation..... Yes
 Skin..... Yes
 Ingestion..... Not Expected

Acute (Short-Term) Health Effects: Causes skin irritation and may be harmful if absorbed through the skin. Causes eye irritation upon direct contact. May be harmful if inhaled causing irritation to mucous membranes and upper respiratory tract. May be harmful and can cause blindness if swallowed.

Chronic (Long-Term) Health Effects: None specifically known or identified.

Carcinogenicity: None of the chemicals in this product are classified as known or potential human carcinogens by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or OSHA.

Signs and Symptoms of Exposure: Contact with moisture liberates methanol, ingestion of methanol may cause blindness, nausea, headache, vomiting, gastrointestinal upset, dizziness, irregular breathing, weakness, confusion, drowsiness, unconsciousness, and death.

Medical Conditions Generally Aggravated by Exposure: Unknown.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air if exposure symptoms develop and seek medical attention.

Skin Contact: Gently wash all affected skin areas thoroughly with water soap and water while removing contaminated clothing. If irritation persists or burning sensation is evident, seek medical attention.

Eye Contact: Flush eyes with water for 20 to 30 minutes. Seek medical attention if irritation persists.

Ingestion: Not expected under normal use conditions. However, if ingestion does occur, do not induce vomiting and seek immediate medical attention.

HMIS Ratings Health (2) – Flammability (2) – Reactivity (0)

VII. PRECAUTIONS FOR SAFE HANDLING and USE

Steps to be Taken in Case Material is Released or Spill: Due to the relatively small end-use container sizes, significant spills are unlikely. However, if a spill does occur, eliminate all ignition sources in the immediate area. Use only non-sparking tools during cleanup and place discarded material in a suitable container for disposal. Do not allow spilled materials to enter storm sewers, sanitary sewers, or impact ground water.

Waste Disposal Method: Disposal must be in accordance with applicable laws.

Precautions to be Taken in Handling and Storage: Store in a cool environment away from ignition sources. Material is combustible; keep away from heat, sparks, and open flames. Avoid skin and eye contact. Use only in a well ventilated area.

VIII. CONTROL MEASURES

Respiratory Protection: None typically required for normal use. Self-contained breathing apparatus may be needed if product is used in a confined or poorly ventilated area.

Ventilation: A system of local and/or general exhaust is recommended.

Hand Protection: Gloves impervious to this material should be worn.

Eye Protection: ANSI-approved safety glasses with side shields or chemical goggles.

Other: Such clothing as to minimize or eliminate skin contact.

IX. REGULATORY INFORMATION (Not meant to be all-inclusive)Hazardous Materials Transportation Act (HMTA)

When offered alone, this material should be classified as follows:

Proper Shipping Name Flammable Liquids, n.o.s., (Methyl Acetoacetate)
 Hazard Class..... 3
 Identification Number UN1993
 Packaging GroupIII
 Label Required..... Flammable Liquid

When offered along with the base and catalyst components within the same container, the classification is:

Proper Shipping Name Polyester Resin Kit
 Hazard Class..... 3
 Identification Number UN3269
 Packaging GroupIII
 Label Required..... Flammable Liquid

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

This produce contains the following CERCLA Section 102(a) hazardous substance(s) as listed in 40 CFR 302.4:

Identity	CASRN	% (by weight)	Reportable Quantity (RQ)
None			

Superfund Amendment and Reauthorization Act (SARA)

This product contains the following SARA Title III Section 302 extremely hazardous substance(s) as listed in 40 CFR Part 355:

Identify	CASRN	% (by weight)
None		

SARA Title III Section 311/312 hazardous categorization:

This product has been reviewed according to the EPA hazard categories promulgated under SARA Tile III Section 311 and 312 and is considered to meet the following hazard categories:

- An immediate (acute) health hazard
- A fire hazard

This product contains the following SARA Title III Section 313 toxic substance(s) as listed in 40 CFR Part 372:

Identify	CASRN	% (by weight)
None		

Toxic Substances Control Act (TSCA)

All ingredients are on the TSCA inventory or are not required to be on the inventory.

CATALYST / HARDENER INDEX

The material described in this MSDS is intended for use with the following:

DS 6000 SERIES PARTS A and B

WELDFAST CL-200 PARTS A and B

WELDFAST CL-225 PARTS A and B

Review literature supplied with product or contact NOV Fiber Glass Systems for proper mixing ratios.

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