

HMIS RATING	
Health	1
Flammability	2
Reactivity	1

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	2
Reactivity	1
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-310, 80-311
PRODUCT NAME.....Ultra Bond 2
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Limited Quantity (LQ)

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Ethyl Cyanoacrylate (7085-85-0)	NE	NE	-	85-100
Poly (Methyl Methacrylate) (9011-14-7)	NE	NE	-	10-30
*Hydroquinone (123-31-9)	2mg/m ³	2mg/m ³	-	<0.5

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).....365°F
VAPOR PRESSURE PSIG @ 20°C.....1
VAPOR DENSITY (AIR = 1).....NE
SOLUBILITY IN WATER.....Insoluble, material becomes solid.
SPECIFIC GRAVITY (H₂O = 1).....1.06
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (61%=1).....NE
VOC content (by weight).....<2%
APPEARANCE AND ODOR.....Clear, transparent, colorless liquid with irritating odor.

4. FIRE AND EXPLOSION DATA

FLASH POINT.....185°F TCC
UPPER EXPLOSIVE LIMIT (%).....NE
LOWER EXPLOSIVE LIMIT (%).....NE
EXTINGUISHING MEDIA.....Flush with large amounts of water or dry chemical extinguisher.
SPECIAL FIREFIGHTING PROCEDURES.....Fumes may be irritating if not burning and require air supply with goggles while applying large amounts of water of dry chemical extinguisher.
FIRE AND EXPLOSION HAZARDS.....None. Combustible requiring the above procedures.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Inhalation, Eye contact
HEALTH HAZARDS (ACUTE AND CHRONIC).....May cause allergic skin reaction with prolonged contact. Possible skin sensitizer.
EYE CONTACT.....Weeping, redness, irritation.
SKIN CONTACT.....Possible redness, irritation; possible dermatitis with prolonged or repeated contact.
INHALATION.....Coughing, wheezing, allergic-type reaction.
INGESTION.....Adhesive becomes solid in contact with saliva and may adhere to inside of mouth.

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES
EYE CONTACT.....Immediately flush eyes with plenty of water for 15 minutes. Get immediate medical attention. Water flushing aids in sloughing off adhesive over time.
SKIN CONTACT.....Wash with soap and water. Peel or roll skin apart to separate. Adhesive wears off of skin with water exposure.
INHALATION.....Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.
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. Additional water exposure helps to speed up removal. Avoid swallowing solid adhesive after detachment. Not a toxic product.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....Not currently on any lists.

6. REACTIVITY

STABILITY.....Stable under normal conditions.
INCOMPATIBILITIES.....Polymerized by water, alcohol, amines, alkalines material and direct UV.
HAZARDOUS DECOMPOSITION PRODUCTS.....Combustible by-products of Carbon Dioxide and Carbon Monoxide.
HAZARDOUS POLYMERIZATION.....Will not occur under normal conditions.
HAZARDOUS POLYMERIZATION CONDITIONS.....None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety glasses with side shield, Vinyl (polyethylene) non-sticking gloves, rubber apron to protect clothing. NIOSH approved organic vapor canister may be used to maintain vapor concentration below TLV.
WASH REQUIREMENTS.....Soap & water helps remove adhesive from skin.
SPILL OR LEAK PROCEDURES.....Polymerizes with water. Solid material may be scraped from surface.
WASTE DISPOSAL METHODS.....Incinerate solid combustible waste or dump as chemical waste according to local, state, and federal regulations.
HANDLING & STORAGE.....Wash thoroughly after handling. Keep away from heat, sparks, and flames. Store below 25°C.
OTHER PRECAUTIONS.....Avoid breathing vapor, contact with eyes/skin. Allow product to reach room temperature before use.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**
Specializing in Materials Management