

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S Department of Labor
Occupational Safety and Health Admin.
(Non-Mandatory Form)
Form Approved

IDENTITY (As used on Label and List) ACA-15-478	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturers Name Akron Coating & Adhesives, Inc.	Emergency Telephone Number (330) 724-4716
Address (Number, Street, City, State, Zip Code) 365 Stanton Ave.	Telephone Number for Information (330) 724-4716
Akron, OH 44301	Date Prepared 4/16/03
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(S))	OSHA PEL	ACGIH TLV	Other limits (recommended) % (Optional)
2-Hydroxyethyl Acrylate CAS# 000818-61-1			
Acrylate Resin Proprietary			
Ethanol CAS# 000064-17-5			
Product is a proprietary high molecular weight polymer preparation			
HMIS HAZARD RATING: HEALTH 3 FIRE 2 REACTIVITY 2			

Section III — Physical/Chemical Characteristics

Boiling Point °F/°C	Above 212°F	Specific Gravity (H ₂ O = 1)	1.1
Vapor Pressure (mm Hg.)	0.1	Melting Point	NA
Vapor Density (AIR = 1)	4.0	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water	NEGLIGIBLE		
Appearance and Odor	AROMATIC ODOR SLIGHTLY SWEET		

Section IV — Fire and Explosion Data

Flash Point (Method Used TCC) 214°F	Flammable Limits % VOLUME IN AIR	LEL 1.8	UEL NOT DETERMINED
Extinguishing Media	FOAM, DRY CHEMICAL OR CO₂		
Special Fire Fighting Procedures	WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER WITH CAUTION. MATERIAL WILL FLOAT AND MAY IGNITE ON SURFACE		
Unusual Fire and Explosion Hazards	CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP.		

Section V — Reactivity Data			
Stability	Unstable		Conditions to Avoid ELEVATED TEMPERATURES CAN CAUSE DECOMPOSITION. AVOID DIRECT SUNLIGHT
	Stable	X	
Incompatibility (Materials to Avoid) AVOID CONTACT WITH FREE RADICAL INITIATORS AND OXIDIZERS, STRONG ACIDS, BASES, CLAY BASE ABSORBENTS, PEROXIDES AND METALS SUCH AS IRON.			
Hazardous Decomposition or Byproducts DEPENDS ON TEMPERATURE, AIR SUPPLY, AND PRESENCE OF OTHER MATERIALS			
Hazardous Polymerization	May Occur	X	Conditions to Avoid DO NOT USE IN ENCLOSED AREA
	Will Not Occur		

Section VI — Health Hazard Data			
Route(s) of Entry:	Inhalation? MODERATE	Skin? MODERATE	Ingestion? NOT A NORMAL ROUTE
Health Hazards (Acute and Chronic) MAY BE FATAL IF ABSORBED THROUGH SKIN. CAUSES SEVERE EYE BURNS. MAY CAUSE ALLERGIC SKIN REACTION. HEATED MATERIAL PRODUCES HARMFUL VAPORS. CAUSES RESPIRATORY TRACT IRRITATION. HIGHLY TOXIC TO FISH AND OTHER AQUATIC ORGANISMS			
Carcinogenicity: NONE NTP? NONE IARC Monographs? NONE OSHA Regulated? YES, "HAZARDOUS CHEMICAL" UNDER 29CFR 1910.1200			
Signs and symptoms of Exposure: EXPOSURE TO VAPOR MAY CAUSE SEVERE IRRITATION RESPIRATORY TRACT			
Medical Conditions Generally Aggravated by Exposure MAY CAUSE SEVERE SKIN IRRITATION. MAY PROVOKE ASTHMATIC RESPONSE IN PERSONS WHO ARE SENSITIVE TO AIRWAY IRRITANTS			
Emergency and First Aid Procedures			
EYE CONTACT: HOLDING THE LIDS APART, FLUSH CONTAMINATED EYES WITH A <u>GENTLE</u> STREAM OF WATER FOR 30 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. MAY CAUSE CORNEAL DAMAGE			
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND CLEANSE SKIN THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION, SWELLING, BLISTERING, OR REDNESS DEVELOP AND PERSIST			
INHALATION: REMOVE TO FRESH AIR AND SEEK MEDICAL ADVICE IF ANY UNUSUAL SYMPTOMS DEVELOP. MAY CAUSE SEVERE IRRITATION TO RESPIRATORY TRACT			
INGESTION: DRINK TWO OR THREE CUPS OF MILK, FRUIT JUICE OR WATER TO DILUTE. IF ANY SYMPTOMS DEVELOP SEEK MEDICAL ADVISE. MAY CAUSE BURNS TO MOUTH AND THROAT			

Section VII — Precautions for Safe Handling and Use	
Steps to Be Taken in Case Material Is Released or Spilled	
USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL	
Waste Disposal Method	DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS.

Precautions to Be Taken in Handling and Storing **STORE IN A SECURE AREA TO PREVENT CONTAINER DAMAGE. DO NOT EXPOSE TO**

TEMPERATURES IN EXCESS OF 120°F.

Other Precautions **DO NOT FREEZE**

Section VIII — Control Measures

Respiratory Protection (Specify Type) **NIOSH APPROVED RESPIRATOR WITH ACTIVATED CHARCOAL ELEMENTS.**

Ventilation	Local Exhaust	RECOMMENDED	Special	N/A
	Mechanical (General)	N/A	Other	N/A

Protective Gloves **NEOPRENE, LATEX, POLYETHYLENE** Eye Protection **FACE SHIELD OR SPLASH GUARD**

Other Protective Clothing or Equipment **PROTECTIVE CLOTHING IS ADVISED AS ARE GOOD HANDLING PRACTICES**

Work/Hygienic Practices **THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED**
