

Material Safety Data Sheet

Genova Products Vinyl Adhesive/Filler –
Clear - P/N AW945

MSDS No. 0200GPKKC

Emergency Phone No.
(810)744-4500

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Genova Products Vinyl Adhesive/Filler - Clear		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Genova Products	(810)744-4500	
STREET ADDRESS	7034 East Court Street		
CITY / STATE / ZIP	Davison, Michigan 48423-0309		

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNIT S
Hydrophobic Fumed Silica (68611-44-9) **	< 20	6 ***	10****	mg/m3
Proprietary Polymers (mixture)	< 30	NE	NE	
Gamma-aminopropyltrimethoxysilane (13822-56-5) *****	0 to 3	NE	NE	
Vinyltrimethoxysilane (2768-02-7)	0 to 3	NE	NE	
Non-hazardous ingredients*	< 50	NE	NE	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Inhalation of particles unlikely, due to products physical state. ***ACGIH TWA. **** OSHA TWA. ***** Methanol is formed by reaction w/ moisture in the air. Provide adequate ventilation to control exposure within guidelines of OSHA TWA 200 ppm. Calculated VOC: 1%/wt or less (20 g/L or less). CARB Compliance: Yes. Prop 65 Ingredients: None.

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	May cause eye, skin, nose or throat irritation.				
EFFECTS OF OVEREXPOSURE	<u>Eye Contact</u> : May cause eye irritation. <u>Skin Contact</u> : May irritate skin. Prolonged or repeated contact can result in irritation & dermatitis/rash. <u>Inhalation</u> : Vapor may irritate nose, throat & upper respiratory tract. <u>Ingestion</u> : This material may be harmful or fatal if swallowed. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal. Get medical attention if swallowed.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash skin w/ soap & water. Get medical attention if irritation persists.
EYE CONTACT	Immediately flush eyes w/ copious amounts of water for 15 minutes until irritation subsides.
INHALATION	Remove subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation persists.
INGESTION	If this product is swallowed, call physician or poison control center for most current information. Do not induce vomiting, unless directed by medical personnel.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE Yes No

EXTINGUISHING MEDIA On large fires use dry chemical, foam or water spray. On small fires use CO₂, dry chemical or water spray. Water can be used to cool containers exposed to fire.

FLASHPOINT (°F) & METHOD > 200F - TCC

UPPER EXPLOSIVE LIMIT (% BY VOLUME) NE

LOWER EXPLOSIVE LIMIT (% BY VOLUME) NE

AUTOIGNITION TEMPERATURE (°F) NE

UNUSUAL FIRE & EXPLOSION HAZARDS When involved in a fire, this material may decompose & produce carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide & various polymer compounds. Contact w/ water may release small quantities of flammable Methanol.

SPECIAL FIREFIGHTING PROCEDURES Fire responders must wear self-contained breathing apparatus & full protective equipment. Move fire-exposed containers if it can be done w/o risk to firefighters. If possible, control water run-off to prevent environmental contamination.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES Observe all PPE recommendations in Sec. 8. Scrape all spilled material for disposal. This material is not classified as a haz. waste per 40 CFR 261. State & local laws may impose regulatory restrictions.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT Keep out of reach of children & pets. Avoid breathing vapors in shipping container. Keep container closed. Use w/ adequate ventilation. Avoid contact w/ skin & clothing. Wash after handling. Observe all PPE suggestions in Section 8.

STORAGE REQUIREMENTS Keep container closed & store in a cool well-ventilated area. Avoid contact w/ water or moisture. Store away from caustics & oxidizers. Keep containers from excessive heat & freezing.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section 2 of this MSDS, then a NIOSH/NSHA approved organic vapor respirator should be used.

EYEWEAR Wear goggles or safety glasses w/ side shields as a minimum.

CLOTHING / GLOVES Impervious/rubber gloves are suggested.

HYGENIC PRACTICES Wash w/ soap & water @ mealtimes & end of shift. Remove contaminated clothing & wash before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Clear Paste ODOR & APPEARANCE Clear paste, slight odor

SPECIFIC GRAVITY 1.0 to 1.10 VAPOR DENSITY (AIR=1) NE

EVAPORATION RATE NE BOILING RANGE (°F) NE

pH N/A SOLUBILITY IN WATER Dilutable in wet stage

VAPOR PRESSURE (MM Hg) NE %/WT VOLATILE (TNV)

SECTION 10 – STABILITY AND REACTIVITY

STABILITY Yes No Normally stable.

INCOMPATIBILITY Yes No Oxidizing acids, amines, strong caustics, water

CONDITIONS TO AVOID Contact w/ incompatible materials & exposure to temperature extremes.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS Will not occur. Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide & various polymer compounds.

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	NE
OSHA	NE
IARC	NE
NTP	NE
DATA WITH POSSIBLE RELEVANCE TO HUMANS	NE

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	NE
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	This material is not classified as a hazardous waste per 40 CFR 261. State & local laws may impose regulatory restrictions. Observe all federal, state & local laws regarding waste disposal. Waste code: N/A.
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SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Marine pollutant components: None. DOT (USA): Not regulated by DOT. DOT Haz. Class: None. UN/NA No. N/A. Label Required: None. Packing Group: None.
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SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	SARA 302: No components subject to 40 CFR 370 SARA 304: None. SARA 311, 312: Acute – Yes, Chronic – No. Fire- No. Pressure – No. Reactive - No.	U.S. STATE REGS	See Section 16.
SARA 313/DSL	SARA 313: Methanol (67-56-1) @ 0 to < 1%. All ingredients listed on DSL.	TSCA	All chemicals comply w/ the Toxic Substances Control Act inventory reporting requirements.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Store in closed container in dry area @ temperatures between 40F & 90F. Product soluble in organic solvents. Not dangerous for the ozone layer based on available data. RCRA Waste Code: Not regulated. NJ Right-to-Know (Top 5 Ingredients): MS Polymers (mixture), Fumed Silica (68611-44-9), Vinyltrimethoxysilane (2768-02-7), Gamma-aminopropyltrimethoxysilane (13822-56-5), Diisodecylphthalate (68515-49-1). Massachusetts Right-to-Know: Methanol (67-56-1) @ 0 to < 1%/wt. Pennsylvania Right-to-Know: MS Polymers (mixture), Fumed Silica (68611-44-9), Vinyltrimethoxysilane (2768-02-7), Gamma-aminopropyltrimethoxysilane (13822-56-5), Diisodecylphthalate (68515-49-1).

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit (Listed Permissible Levels (PEL) are from U.S. Department of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states. TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act

Reviewed By _____ Larry G. Brandon _____ VP Technology & GM _____ _March 30, 2009_ _____
NAME TITLE DATE

The information contained herein has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.

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