Safety Data Sheet

Dynatex¨ 49204 Clear RTV Silicone Adhesive

Section 1. Identification

Product Identifier	Dynatex¨ 49204 Clear RTV Silicone Adhesive
Synonyms	N/A
Manufacture Stock Numbers	N/A
Recommended use	Refer to Technical Data
Uses advised against	Refer to Technical Data
Manufacturer Contact Address	Dynatex Inc. 350 Ring Road Elizabethtown, KY, 42701 USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 Chemtrec	N/A

Section 2. Hazards Identification

Classification	N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	N/A
Prevention	Use only outdoors or in a well-ventilated area.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	Not a hazardous substance or mixture.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
17689-77-9	Ethyltriacetoxysilane	1% - 5%
4253-34-3	Methyltriacetoxysilane	1% - 5%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid Measures

Ingestion	No first aid should be needed.
Inhalation	Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor are generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air.
Skin Contact	Remove from skin and wash throughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Eye Contact	Immediately flush with water for 15 minutes. Seek medical attention.
Comments	Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds Formaldehyde Silicon dioxide
Unusual Fire or Explosion Hazards	None known
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Extinguishing Media	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.
Flammability Limits in Air	Not determined
Auto-ignition Temperature	Not determined
Comment	When temperatures above 150¡C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA

Permissible Exposure Limits for formaldehyde.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Observe all personal protection equipment recommendations. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Section 7. Handling and Storage

Handling	Use with adequate ventilation. Product evolves acetic acid with exposed to water or humid air. Provide ventilation during use to control acetic acid with exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor. Keep container closed.
Storage	Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

Section 8. Exposure Controls/Personal Protecction

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Ethyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm
Methyltriacetoxysilane	TWA 10ppm	TWA 10ppm	15ppm

Personal Protective Equipment

Goggles, Gloves

Component Exposure Limits

Component Name: Ethyltriacetoxysilane CAS Number: 17689-77-9 Exposure Limits: See acetic acid comments Component Name: Methyltriacetoxysilane CAS Number: 4253-34-3 Exposure Limits: See acetic acid comments Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

Engineering Controls

Local Ventilation: Recommended General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and throughly cleaned before reuse. Chemical protective gloves are recommended. Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator

Respiratory protection is not needed under ambient conditions. If vapor is generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Precautionary Measures

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

Comment

Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. When heated to temperatures above 150C (300F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Material Safety Data Sheet.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Clear
Odor	Acetic Acid Odor
Odor Threshold	N/A
Solubility	Not Determined
Partition coefficient Water/n-octanol	N/A
Viscosity	Not Determined
Specific Gravity	1.007
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>212F / >100C
FP Method	Closed Cup
Ph	Not Determined
Melting Point	Not Determined
Boiling Point	Not Determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not Determined
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not Determined
Vapor Density	Not Determined

NoteThe above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

Section 10. Stability and Reactivity

Chemical Stability	Stable
Hazardous Polymerization	Will not occur
Conditions to Avoid	None known
Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.

Section 11. Toxicological Information

Component Toxicology Information	No known applicable information.
Special Hazard Information on Components	No known applicable information.

Section 12. Ecological Information

Environmental Effects	Complete information is not yet available.
Environmental Fate and Distribution	Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants	Complete information is not yet available.

Section 13. Disposal

Waste Disposal Method	We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A

Ocean Shipment (IMDG)	Not subject to IMDG code.
Road Shipment Information (DOT)	Not subject to DOT regulations.
Air Shipment (IATA)	Not subject to IATA regulations.

Section 15. Regulatory Information

TSCA Status	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements. The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.
SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Titre III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 312 Hazard Class	Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No
SARA Title III Section 313 Toxic Chemicals	None present or none present in regulated quantities.
California Proposition 65	This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known
Massachusetts	Silica, amorphous (7631-86-9) Depending on color, may also contain: Titanium dioxide (13463-67-7)
New Jersey	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Ethyltriacetoxysilane (17689-77-9) Methyltriacetoxysilane (4253-34-3) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7)
Pennsylvania	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7)

Section 16. Other Information

Revision Date	3/19/2015
Disclaimer	The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.