

SELF-FUSING SILICONE REPAIR TAPE

HAZARDS IDENTIFICATION

Appearance:	Grey silicone rubber on polymer liner
Stability and Reactivity:	Product may form formaldehyde vapors at temperatures above 149°C (300°F) in the presence of air. A formaldehyde MSDS is available from Arlon upon request.
Likely Routes of Exposure:	None known
Medical Conditions Aggravated by Exposure:	None known

This product is considered non-hazardous by the OSHA Hazardous Communication Standard 29 CFR 1910.1200.

FIRST AID MEASURES

Eye Contact:	Flush eyes with water for at least 15 minutes.
Skin Contact:	Flush affected area with plenty of soap and water.
Ingestion:	Get medical attention.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

FIRE FIGHTING MEASURES

Extinguishing Media:	All standard extinguishing agents are suitable.
Protection for Fire Fighters:	Self-contained breathing apparatus and protective clothing should be worn in fires involving this material.
Products of Combustion:	Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde, chlorine compounds, carbon compounds and metal oxides.
Sensitive to Mechanical Impact:	Not expected
Sensitive to Static Discharge:	Not expected

ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment recommended in section 8.
Environmental Precautions:	This material will not biodegrade.
Methods for Clean-Up:	Wipe or scrape up material and place in container for disposal. Use absorbent to remove any residues.

HANDLING AND STORAGE

Handling:	Use personal protective equipment recommended in section 8
Storage:	Store material in original packaging away from excess heat and incompatible materials

HAZARDS IDENTIFICATION

Eye / Face Protection:	Wear safety glasses (minimum required).
Skin Protection:	Wear suitable disposable gloves.
Respiratory Protection:	Wear a NIOSH approved air-purifying respirator if exposure levels may be exceeded.
General Hygiene Considerations:	Wash thoroughly after handling material prior to eating, drinking or smoking.

PHYSICAL AND CHEMICAL PROPERTIES

Color:	yellow
Odor (threshold):	slightly sweet (not determined)
Physical State:	solid
Appearance:	yellow silicone rubber on polymer liner
Melting Point, oC (oF):	not determined
Boiling Point, oC (oF):	not determined
Flash Point, oC (oF):	not determined
Evaporation Rate (BuAc = 1):	not determined

Vapor Pressure, mm Hg:	not determined
Vapor Density (Air = 1.0):	not determined
Solubility in Water:	nil
Reactivity with Water:	nil
Specific Gravity:	1.2 (rubber only)

Note: The above information is not intended for use in preparing product specifications. Contact Seal and Bond before writing specifications

STABILITY AND REACTIVITY

Stability:	Material is stable.
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde, chlorine compounds, carbon compounds and metal oxides.
Hazardous Polymerization:	Will not occur.

TOXICOLOGY INFORMATION

Toxicology Information for Product:	Toxicological testing has not been conducted by Arlon on this material. Product may form formaldehyde (potential carcinogen) if heated in air above 149°C (300°F). A formaldehyde MSDS is available from Arlon upon request.
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ECOLOGICAL INFORMATION

Ecological Information on Product:	Ecological testing has not been conducted by Arlon on this material.
Persistence / Degradability:	This material will not biodegrade.
Bioaccumulation:	This material is non-water soluble, if ingested it is not expected to be absorbed.

DISPOSAL CONSIDERATIONS

Disposal:	Consult federal, state and local regulations to determine appropriate disposal options.
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TRANSPORTATION INFORMATION

Schedule B (Description of Commodity):	As supplied: 4008.11.0000
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REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazardous Communication Standard 29 CFR 1900.1200.

Global Inventories:

TSCA:	United States Yes
EINECS:	European Union Yes
DSL:	Canada Yes
ECL:	Korea Yes
PICCS:	Philippines Yes
ENCS:	Japan No
AICS:	Australia Yes

SARA Title III Chemical Listings:

Section 302: Extremely Hazardous Substance:	None Known
Section 304: CERCLA Hazardous Substances:	None Known

Section 311 / 312 Hazard Class: not determined
Vapor Pressure, mmHg: not determined
Vapor Density (Air = 1.0): not determined
Solubility in Water: nil
Fire: No
Reactivity with Water: nil
Pressure: No
Specific Gravity: 1.2 (rubber only)

Section 313: Toxic Chemicals: None known
Note: The above information is not intended for use in preparing product specifications. Contact Seal and Bond before writing specifications
Supplemental State Compliance Information:

STABILITY AND REACTIVITY
California Proposition 65:
Warning:

This product, or one of its components, is 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 hard.

Stability: Material is stable.
Conditions to Avoid: None known
Incompatible Materials: None known

OTHER INFORMATION
Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde, chlorine compounds, carbon compounds and metal oxides.

Legend:
Hazardous Polymerization:

Will not occur.

ACGIH American Conference of Governmental Industrial Hygienists

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstract Service

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

DOT Department of Transportation Toxicological testing has not been conducted by Arlon on this material.

DSL Domestic Substances List Product may form formaldehyde (potential carcinogen) if heated in air above 149°C (300°F). A formaldehyde MSDS is available from Arlon upon request.

EINCS European Inventory of Existing Chemical Substances

ENCS Existing and New Chemical Substances

EPA Environmental Protection Agency

IARC International Agency of Research on Cancer

Ecological Information on Product: Ecological testing has not been conducted by Arlon on this material.

Persistence / Degradability: LD50 Lethal Dose expected to kill 50% of population.
This material will not biodegrade.

Bioaccumulation: LC50 Lethal Concentration expected to kill 50% of population.
This material is non-water soluble, if ingested it is not expected to be absorbed.

NIOSH National Institute for Occupational Safety and Health

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

RCRA Resource Conservation and Recovery Act Consult federal, state and local regulations to determine appropriate disposal options.

SARA Superfund Amendments and Reauthorization Act of 1986

TLV Threshold Limit Value

TSCA Toxic Substances Control Act

WHMIS Workplace Hazardous Materials Information System As supplied: 4008.19.0000

Schedule B (Description of Commodity): NA Not Applicable

REGULATORY INFORMATION CFR Code of Federal Regulations

Title 29: OSHA Regulations

Contents of this MSDS comply with the OSHA Hazardous Communication Standard 29 CFR 1900.1200.

Title 40: EPA Regulations

Title 49: DOT Regulations

Global Inventories: These data are offered in good faith as typical values and not as product specification. No warranty, either expressed or implied, is hereby made.

The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user shall review these recommendations in the specific context of the intended use and determine whether they are appropriate

TSCA: United States Yes

EINECS: European Union Yes

DSL: Canada Yes

ECL: Korea Yes

PICCS: Philippines Yes

ENCS: Japan No

AICS: Australia Yes

SARA Title III Chemical Listings:

Section 302: Extremely Hazardous Substance: None Known

Section 304: CERCLA Hazardous Substances: None Known

Section 311 / 312 Hazard Class: