

XE14-D0034-A EXP SAMPLE

SAFETY DATA SHEET

1 Product and company identification

Name of chemical (Product name) : XE14-D0034-A EXP SAMPLE
Manufacturer/Importer/Distributor Information : Momentive Performance Materials Japan LLC
Akasaka Park Building
5-2-20 Akasaka, Minato-ku
Tokyo Japan
Contact person : commercial.services@momentive.com
Telephone : +81-3-5544-3100
Telefax : +81-3-5544-3101
Emergency telephone number : +81-3-5544-3111
+81-276-31-4118 (night / weekend)
Responsible Department : Product Stewardship & Compliance Group

2 Hazard(s) identification

GHS classification:

No classification

GHS label elements:

Pictograms: No symbol
Signal Word: No signal word.
Hazard Statement: Not applicable

Precautionary Statements:

Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable

Other hazards which do not result in classification:

none

3 Composition/information on ingredients

Chemical nature: Silicone compound

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Mixtures

Chemical Identity	CAS number	Concentration*
Aluminum oxide	1344-28-1	90 - 100%
Alkoxy silicone compound	Trade secret	1.0 - 10%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Trade secret information: ** A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4 First-aid measures

Inhalation: If inhaled, move victim to fresh air and seek medical attention.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Flush thoroughly with water for at least 15 minutes. Get medical assistance.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

5 Fire-fighting measures

Extinguishing media: Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: No data available.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unprotected persons away. Remove sources of ignition. Use personal protective equipment. Keep upwind.

Environmental Precautions: Do not allow runoff to sewer, waterway or ground.

Methods or materials for containment and cleaning up: Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small. Wear proper protective equipment as specified in the protective equipment section.

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Prevention of secondary hazards: Remove sources of ignition.

7 Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): Provide adequate general and local exhaust ventilation. Eyewash bottle with clean water.

Safe handling advice: Wear appropriate personal protective equipment. Keep away from sources of ignition - No smoking. Avoid contact with organic compounds containing nitrogen, sulfur, phosphorus, tin and lead, soldering flux, polyvinyl chloride, polyurethane as it may lead to incomplete curing.

Contact avoidance measures: Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Hygiene measures: Ensure adequate ventilation, especially in confined areas. Wash hands after handling. When using do not eat, drink or smoke.

Storage

Safe storage conditions: Store in a dark, cool place indoors, with container tightly closed.

Safe packaging materials: No data available.

8 Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits:

Chemical name	Type	Exposure Limit Values	Regulation Sources
Aluminum oxide - Respirable dust.	TWA	0.5 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2014)
Aluminum oxide - Total dust.	TWA	2 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2014)
Aluminum oxide - Dust.	TLV	0.025 mg/m3	Japan. OELs - ISHL. (Workplace Environment Assessment Standards), as amended (04 2020)

Personal protective equipment (ppe)

Respiratory Protection: Not applied

Hand Protection: Rubber or plastics gloves

Eye Protection: Safety glasses with side shields

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Skin and Body Protection: Chemical resistant clothing Wear rubber boots.

9 Physical and chemical properties

Physical state:	liquid
Form:	Paste
Color:	Red-orange
Odor:	No data available.
Odor threshold	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flammability	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point	>300 °C
Evaporation rate	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
SADT	No data available.
pH	No data available.
Viscosity, dynamic:	830,000 mPa·s
Viscosity, kinematic:	No data available.
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water)Log Pow	No data available.
Vapor pressure	No data available.
Density	3.26 g/cm ³
Relative density	No data available.
Vapor density	No data available.

10 Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	Heat.
Incompatible Materials:	Water. Acids. Bases.

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Hazardous Decomposition Products:

Carbon Monoxide. Carbon dioxide Silicon dioxide. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A SDS for formaldehyde is available from Momentive.

11 Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Dermal

Product: Not classified for acute toxicity based on available data.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Respiratory sensitization

Product: No data available.

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Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Skin sensitization

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Carcinogenicity

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Japan Society for Occupational Health: Carcinogen:

No carcinogenic components identified

Japan. ISHL Designated Carcinogen:

No carcinogenic components identified

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

In vivo

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Reproductive toxicity

Product: No data available.

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Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Aspiration Hazard

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

Other effects: No data available.

12 Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone compound No data available.

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Toxicity to microorganisms

Product: No data available.

Components

Aluminum oxide No data available.

Alkoxy silicone No data available.

compound

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Aluminum oxide No data available.

Alkoxy silicone No data available.

compound

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Hazardous to the ozone layer: Not Regulated

Further Information: No data available.

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13 Disposal considerations

General information: See Section 8 for information on appropriate personal protective equipment. The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground.

Disposal methods: No data available.

Contaminated Packaging: Dispose of as unused product.

14 Transport information

International regulations

IMDG - International Maritime Dangerous Goods Code

Not regulated.

IATA

Not regulated.

National Regulations

Domestic Standard: In compliance with domestic law.

Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from food, foodstuff, acids and bases.

15 Regulatory information

Japan CSCL:

Priority Assessment Chemical Substances: Not Regulated

Monitoring Chemical Substances: Not Regulated

Law concerning Pollutant Release and Transfer Register:

Specified Class 1 substance(s): Not Regulated

Class 1 Substance(s): Not Regulated

Class 2 Substance(s): Not Regulated

Industrial Safety and Health Act:

Article 57-2 Regulated Substance(s): ALUMINUM OXIDE;

Article 57 Regulated Substance(s) subject to labeling: ALUMINUM OXIDE

Organic Solvent Regulation Not Regulated

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Specified Substances Regulation:

Class 1 designated chemical substances:

Not Regulated

Class 2 designated chemical substances:

Not Regulated

Class 3 designated chemical substances:

Not Regulated

Poisonous and Deleterious Substances Control Act:

Specified poisonous substance(s):

Main law:

Not Regulated

Cabinet order:

Not Regulated

Poisonous Substance(s):

Main law:

Not Regulated

Cabinet order:

Not Regulated

Deleterious Substance(s):

Main law:

Not Regulated

Cabinet order:

Not Regulated

Fire Service Law:

Designated Flammable Substances, Flammable liquid
Keep away from fire

High Pressure Gas Safety Law:

Not Regulated

**Act on Prevention of Marine Pollution and Maritime
Disaster:**

Not Regulated

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Inventory Status:

Canada DSL Inventory List:	Q (quantity restricted)	Remarks: Please contact your supplier for further information on the inventory status of this material.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
China Inv. Existing Chemical Substances:	Please contact your supplier for further information on the inventory status of this material.	Remarks: (Quantity restricted)
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	Not in compliance with the inventory.	Remarks: None.
US TSCA Inventory:	Q (quantity restricted)	Remarks: Low Volume Exemption
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Taiwan Chemical Substance Inventory:	Not in compliance with the inventory.	Remarks: None.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	Remarks: None.
Australia Industrial Chem. Act (AIC):	Not in compliance with the inventory.	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.

16 Other Information

Revision Information: ARGHS_JPARGLO_INVSTS
Issue Date: 01/28/2022
SDS No.:

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Disclaimer:

Notice to reader

This material is developed and manufactured for industrial applications only. For medical or other special applications, use after performing safety testing on the product and confirming safety. Never use for human applications such as implant, impregnation, or where a residue may possibly remain in the body.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Literature Reference: No data available.