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CMAR35

SAFETY DATA SHEET

1. Identification

Product identifier: CMAR35

Other means of identification

Synonyms: Acrylic Caulk

Recommended use and restriction on use

Recommended use: For industrial use only.

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer/Importer/Distr :

ibutor Information

Momentive Performance Materials - Daytona

703 South Street

New Smyrna Beach FL 32168

Contact person : MomentiveEMEA.productsteward@momentive.com

Telephone : General information

00800.4321.1000 (Customer Service Centre)

1.4

Emergency telephone

number

Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44

(0) 1235239671

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement:

Precautionary

Statements

not applicable not applicable

Other hazards which do not result in GHS

None.

classification:

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Benzyl Butyl 1,2-cyclohexyldicarboxylate	1200806-67-2	5.117%
(1) QUARTZ	14808-60-7	0.433%

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

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(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

4. First-aid measures

General information: No action shall be taken involving any personal risk or without suitable

training.

Ingestion: Do NOT induce vomiting. Get medical attention immediately. Do not give

victim anything to drink if he is unconscious.

Inhalation: Move to fresh air.

Skin Contact: Flush skin with large amounts of water for at least 15 minutes until no

evidence of chemical remains. Wash with soap and water.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and

seek medical advice.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treatment is symptomatic and supportive.

5. Fire-fighting measures

General Fire Hazards: Containers close to fire should be removed immediately or cooled with

water. Remove or isolate all sources of ignition.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing

media:

All standard extinguishing agents are suitable.

Unsuitable extinguishing

media:

none

Specific hazards arising from

the chemical:

In case of fire, carbon monoxide and carbon dioxide may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting

procedures:

Cool fire-endangered containers with water.

Special protective equipment

for fire-fighters:

Firefighters must wear NIOSH/MSHA approved positive pressure selfcontained breathing apparatus with full face mask and full protective

clothing.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures: Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics.

Keep container closed. Keep out of reach of children.

Methods and material for containment and cleaning up:

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the

protective equipment section.

Notification Procedures: Caution: Contaminated surfaces may be slippery. Stop leak if you can do

so without risk.

Environmental Precautions: Prevent runoff from entering drains, sewers, or streams.

7. Handling and storage

Precautions for safe handling: Sensitivity to static discharge is not expected. Do not get in eyes, on skin,

on clothing. Do not taste or swallow. Wear protective gloves/protective clothing/eye protection/face protection. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities:

Keep away from heat, sparks and open flame. Keep container tightly closed and in a well-ventilated place. Use original container or packaging of similar

material of construction

Storage conditions: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure Limit Values	Source
(1) CALCIUM CARBONATE	TWA	10 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)
(1) CALCIUM CARBONATE - Total dust.	STEL	20 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
	TWA	10 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
(1) CALCIUM CARBONATE - Respirable fraction.	TWA	3 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
(1) CALCIUM CARBONATE	8 HR ACL	10 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
	15 MIN ACL	20 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)

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(1) CALCIUM CARBONATE - Total dust.	TWA	10 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)
1,2-Propanediol - Aerosol.	TWA	10 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
1,2-Propanediol - Vapor and aerosol, inhalable fraction.	TWA	50 ppm 155 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
DISTILLATES, PETROLEUM,HYDROTREA TED - Vapor as total hydrocarbon vapor	TWA	200 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)
DISTILLATES, PETROLEUM,HYDROTREA TED - Non-aerosol as total hydrocarbon vapor	TWA	200 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
DISTILLATES, PETROLEUM,HYDROTREA TED - Non-aerosol as total hydrocarbon vapor	TWA	200 mg/m3	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2015)
	TWA	200 mg/m3	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2015)
DISTILLATES, PETROLEUM,HYDROTREA TED	TWA	525 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
DISTILLATES, PETROLEUM,HYDROTREA TED - Non-aerosol as total hydrocarbon vapor	TWA	200 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
	TWA	200 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
DISTILLATES, PETROLEUM,HYDROTREA TED - Vapor as total hydrocarbons	8 HR ACL	200 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
	15 MIN ACL	250 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
DISTILLATES, PETROLEUM,HYDROTREA TED	TWA	400 ppm 1,590 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)
DISTILLATES, PETROLEUM,HYDROTREA TED	8 HR ACL	400 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
	15 MIN ACL	500 ppm	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
DISTILLATES, PETROLEUM,HYDROTREA TED	TWA	400 ppm 1,590 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)
DISTILLATES, PETROLEUM,HYDROTREA TED - Non-aerosol as total hydrocarbon vapor	TWA	200 mg/m3	US. ACGIH Threshold Limit Values (03 2015)
·	TWA	200 mg/m3	US. ACGIH Threshold Limit Values (03 2015)

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(1) QUARTZ - Respirable particles.	TWA	0.025 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)
(1) QUARTZ - Respirable fraction.	TWA	0.025 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
(1) QUARTZ - Respirable fraction.	TWA	0.025 mg/m3	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2015)
(1) QUARTZ - Respirable fraction.	TWA	0.10 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)
(1) QUARTZ - Respirable fraction.	8 HR ACL	0.05 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
(1) QUARTZ - Respirable dust.	TWA	0.1 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)
(1) QUARTZ - Respirable fraction.	TWA	0.025 mg/m3	US. ACGIH Threshold Limit Values (03 2015)
(1) TITANIUM DIOXIDE	TWA	10 mg/m3	Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009)
(1) TITANIUM DIOXIDE - Total dust.	TWA	10 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
(1) TITANIUM DIOXIDE - Respirable fraction.	TWA	3 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
(1) TITANIUM DIOXIDE	TWA	10 mg/m3	Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2015)
(1) TITANIUM DIOXIDE	TWA	10 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
(1) TITANIUM DIOXIDE	8 HR ACL	10 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
	15 MIN ACL	20 mg/m3	Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009)
(1) TITANIUM DIOXIDE - Total dust.	TWA	10 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (11 2011)
(1) TITANIUM DIOXIDE	TWA	10 mg/m3	US. ACGIH Threshold Limit Values (03 2015)

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
Methanol (methanol:	15 mg/l (Urine)	ACGIH BEI (03 2015)
Sampling time: End of shift.)		

Appropriate Engineering Controls

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

Individual protection measures, such as personal protective equipment

General information: Ventilation and other forms of engineering controls are preferred for

controlling exposures. Respiratory protection may be needed for non-

routine or emergency situations.

Eye/face protection: Monogoggles

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Skin Protection

Hand Protection: Neoprene

Skin protection: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: If exposure limits are exceeded or respiratory irritation is experienced,

NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA

regulations (see 29CFR 1910.134).

Hygiene measures: Always observe good personal hygiene measures, such as washing after

handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Provide adequate ventilation.

9. Physical and chemical properties

Appearance

Physical state: solid
Form: solid
Color: White
Odor: Ammonia.

Odor threshold:

pH:

No data available.

No data available.

No data available.

not applicable

Initial boiling point and boiling range:

not applicable

Flash Point: > 93.3 °C (estimated)
Evaporation rate: No data available.
Flammability (solid, gas): 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. Vapor pressure: not applicable Vapor density: not applicable Density: 1.61 g/cm3 Relative density: 1.61

Solubility(ies)

Solubility in water:

Solubility (other):

No data available.

No data available.

No data available.

No data available.

Auto-ignition temperature:not applicableDecomposition temperature:No data available.Viscosity, dynamic:No data available.Viscosity, kinematic:No data available.

VOC: 30.6 g/l;

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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 polymerisation does not occur.

Conditions to avoid: No data available.

Incompatible Materials: None known.

Hazardous Decomposition

Products:

Carbon dioxide Toxic fumes.

11. Toxicological information

Information on likely routes of exposure

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: No data available.

Dermal

Product: No data available.

Inhalation

Product: No data available.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

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Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

(1) QUARTZ Overall evaluation: 1. Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:

(1) QUARTZ Known To Be Human Carcinogen.

ACGIH Carcinogen List:

(1) QUARTZ Group A2: Suspected human carcinogen.

ACGIH Carcinogens:

(1) QUARTZ Group A2: Suspected human carcinogen.

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product:
No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product:
No data available.

Aspiration Hazard

Product: No data available.

Other effects: This product contains ethylene glycol. Ethylene glycol produces birth

defects in laboratory animals. There is currently no evidence that

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ethylene glycol has caused birth defects in humans. The major route for producing developmental toxicity is perorally. Exposure to high aerosol concentrations is marginally effective at most. Cutaneous application of ethylene glycol is ineffective in producing developmental toxicity in laboratory animals.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

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.

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.

Known or predicted distribution to environmental compartments

Benzyl Butyl 1,2- No data available.

cyclohexyldicarboxylate

Other adverse effects: No data available.

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13. Disposal considerations

General information: The generation of waste should be avoided or minimized wherever

possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

Disposal instructions: Disposal should be made in accordance with federal, state and local

regulations.

Contaminated Packaging: Dispose of as unused product.

14. Transport information

DOT

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

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.

15. Regulatory information

Canada Federal Regulations

List of Toxic Substances (CEPA, Schedule 1)

Chemical Identity

Acetaldehyde Formaldehyde 2-Propenamide

Acrylonitrile

zinc

Ethylene Oxide

Export Control List (CEPA 1999, Schedule 3)

Chemical Identity

Ethylene Oxide

National Pollutant Release Inventory (NPRI)

Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5 DISTILLATES,

PETROLEUM, HYDROTREATEDAcetic

acid ethenyl

esterFormaldehydeMethanol

Canada. Canadian Environmental Protection Act (CEPA). National Pollutant Release Inventory

(NPRI) (Parts 1-4)

NPRI Not Regulated

Greenhouse Gases

Not Regulated

Controlled Drugs and Substances Act

CA CDSI Not Regulated

CA CDSII Not Regulated

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CA CDSIII Not Regulated

CA CDSIV Not Regulated

CA CDSV Not Regulated

CA CDSVII Not Regulated

CA CDSVIII Not Regulated

Precursor Control Regulations

Not Regulated

Inventory Status:

Australia AICS: Not in compliance with the

inventory.

Not in compliance with the Canada DSL Inventory List:

inventory.

EINECS, ELINCS or NLP: Not in compliance with the

inventory.

Japan (ENCS) List: Not in compliance with the

inventory.

China Inv. Existing Chemical

Substances:

Not in compliance with the

inventory.

Korea Existing Chemicals Inv.

(KECI):

Not in compliance with the

inventory.

Canada NDSL Inventory: Not in compliance with the

inventory.

Philippines PICCS: Not in compliance with the

inventory.

US TSCA Inventory: On or in compliance with the

inventory

New Zealand Inventory of

Chemicals:

Not in compliance with the

inventory.

Not in compliance with the

inventory.

Remarks: None.

Taiwan Chemical Substance

Inventory:

Remarks: None.

16.Other information, including date of preparation or last revision

Issue Date: 12/08/2017

Revision Date: No data available.

Version #: 1.0

Further Information: No data available.

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Disclaimer:

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Notice to reader

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

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.

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