



Factor II Inc. encourages the end user to read this document entirely and understand all sections of this SDS sheet prior to use. There is important information regarding this product. The end user is expected to follow all precautions outlined in this SDS.

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Catalyst

Product Code : A-RTV-3040-C

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

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SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification

Health Hazards

Toxic to reproduction

Category 2

Label Elements

Hazard Symbol:



Signal Word:

Warning

Hazard Statement:

Suspected of damaging fertility.



Precautionary Statements

Prevention: Use personal protective equipment as required.
Response: If exposed or concerned: Get medical advice/attention.

Other hazards which do not result in GHS classification: Chemical compounds containing silicon – hydrogen bonds (SIH). This product may generate hydrogen gas. For further information, refer to section 10: “Stability and Reactivity”.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Octamethylcyclotetrasiloxane	556-67-2	0.1 - <1%

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

Composition Comments: Mixture of Polyorganosiloxanes, fillers, additives.

SECTION 4: FIRST-AID MEASURES

General information: For further information, refer to section 8 “Exposure-controls/personal protection”.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get Medical attention if symptoms occur.

Inhalation: Under normal conditions of intended use, this material is Not expected to be an inhalation hazard.

Skin contact: Wash contact areas with soap and water. Get medical Attention if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with Clean water. Continue to rinse for at least 15 minutes. Get Medical attention if irritation persists after washing.

Most important symptoms/effects, acute and delayed

Symptoms: None known.
Hazards: No specific recommendations.



Indication of immediate medical attention and special treatment needed

Treatment: No specific recommendations.

SECTION 5: FIRE-FIGHTING MEASURES

General Fire Hazards: No specific recommendations.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing Media: Dry chemical alcohol resistant foam or carbon dioxide (Co2).

Unsuitable extinguishing Media: Do not use water jet as an extinguisher, as this will spread The fire. Do not use alkaline powders.

Specific hazards arising from The chemical:
may

This product may generate hydrogen gas. Vapors Form explosive mixtures with air. For further information, Refer to section 10: "Stability and Reactivity". Hazardous Decomposition products: formaldehyde, oxides of carbon And silica.

Special protective equipment and precautions for firefighters

Special fire fighting Procedures: Water spray should be used to cool containers.

Special protective Equipment for fire fighters: Firefighters should wear standard protective equipment And a positive pressure self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment and Emergency procedures:

Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with alkalis and caustic products. Eliminate All sources of ignition.



**Methods and material for
Containment and cleaning up:**

Avoid contact with alkalis and caustic products. Use non-sparking tools. Absorb with sand or other inert absorbent. Scrape up and place in appropriate vented container.

Notification procedures:

Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the SDS.

Environmental Precautions:

Collect spillage. Prevent entry into waterways, sewer, Basements or confined areas. Mechanically ventilate the Spillage area to prevent the formation of explosive Concentrations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Provide sufficient ventilation during operations which cause vapor formation. Do not mix with incompatible materials. For further information, refer to section 10 "Stability and Reactivity". Read and follow manufactures recommendations.

**Conditions for safe storage,
Including and incompatibilities:**

Store in original vented container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure limits

None of the components have assigned exposure limits.

**Appropriate Engineering
Controls**

No specific recommendations.

Individual protection measures, such as personal protective equipment

General information:

Provide sufficient ventilation during operations which cause vapor formation.

Eye/face protection:

Safety Glasses.

Skin protection

Hand protection:

Protective gloves are recommended.



Other: Wear suitable protective clothing.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures: Always observe good personal hygiene measures, such as Washing after handling the material and before eating, Drinking, and/or smoking. Routinely was work clothing and Protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance

Physical state:	Liquid
Form:	Mobile
Color:	Colorless
Odor:	Slight odor
Odor threshold:	No data available
pH:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash Point:	> 392 °F (200 °C) (Pensky-Martens Closed Cup)
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Flammability limit upper (%):	74% (V) Hydrogen
Flammability limit lower (%):	4% (V) Hydrogen
Vapor pressure:	No data available
Vapor density:	No data available
Density:	Approximate 1.04 kg/dm ³ (68 °F (20 °C))
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	Acetone: Very slightly soluble. Ethanol: Very slightly soluble. Diethylether: Miscible (in all proportions) Aliphatic hydrocarbons: Miscible (in all proportions) Aromatic hydrocarbons: Miscible (in all proportions) Chlorinated solvents: Miscible (in all proportions)
Partition coefficient (n-octanol/water) :	No data available
Auto-ignition temperature:	932 °F (500 °C) Hydrogen
Decomposition temperature:	No data available
Viscosity:	40,000-60,000 mm ² /s



Other information

Oxidizing properties: According to the data on the components Not considered
As oxidizing. (according to EC criteria)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Material is stable under normal conditions

Possibility of hazardous Reactions: This product may generate hydrogen gas.

Conditions to avoid: No other information noted.

Incompatible materials: A fire or explosion hazard arises because highly flammable Gas (hydrogen) is released when it is in contact with:
Strong oxidizers, strong bases, and chemical compounds
With mobile hydrogen, in the presence of metal salts and Complexes.

Hazardous Decomposition Products: This product can form formaldehyde vapors when heated
Temperatures above 150 degrees C in the presence of air.
Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.
Quantity of hydrogen potentially released (l/kg of product):
< 50

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion: No effects expected (assessment based on ingredients)

Inhalation: No effects expected (assessment based on ingredients)

Skin contact: No effects expected (assessment based on ingredients)

Eye contact: No effects expected (assessment based on ingredients)

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 toxicology 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 effects expected (assessment based on ingredients)

Skin Corrosion/Irritation Product: No effects expected (assessment based on ingredients)

Serious eye damage/eye Irritation Product: No effects expected (assessment based on ingredients)

Respiratory or skin Sensitization Product: No effects expected (assessment based on ingredients)

Carcinogenicity Product: No effects expected (assessment based on ingredients)

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

U.S. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

U.S OSHA specifically Regulated Substances (29 CFR 1910.1001-1050):
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro Product: No effects expected (assessment based on ingredients)

In vivo Product: No effects expected (assessment based on ingredients)

Reproductive toxicity product: No data available



Specified substance(s):

**Octamethylcyclotetra-
asiloxane**

Suspected of damaging fertility

Specific target organ toxicity – Single Exposure

Product: No effects expected (assessment based on ingredients)

Specific target organ toxicity – Repeated Exposure

No effects expected (assessment based on ingredients)

Aspiration Hazard

Product: No effects expected (assessment based on ingredients)

Other effects: None known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No effects expected (assessment based on ingredients)

Aquatic Invertebrates

Product: No effects expected (assessment based on ingredients)

Chronic hazards to the aquatic environment:

Fish

Product: No effects expected (assessment based on ingredients)

Aquatic Invertebrates

Product: No effects expected (assessment based on ingredients)

Toxicity to aquatic plants

Product: No effects expected (assessment based on ingredients)

Persistence and Degradability

Bioconcentration

Product: The product is not readily biodegradable.

BOD/COD ratio

Product: No data available.



Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: This product is not bioaccumulating

Partition coefficient n-octanol/water (log Kow)

Product: No data available

Mobility in soil: No data available

Known or predicted distribution to environmental compartments

Octamethylcyclotetra-
asiloxane No data available

Other adverse effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose of waste at an appropriate treatment and disposal Facility in accordance with applicable laws and regulations, And product characteristics at time of disposal. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container. Contaminated packages should be as empty as possible and equipped with a degassing device.

SECTION 14: TRANSPORT INFORMATION

This material is not subject to transport regulations.

Environmental hazards: Not regulated

Special precautions for uses: Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.



Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Acute (Immediate) Chronic (Delayed) Fire Reactive Pressure
Generating

SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Extremely release notification

None present or none present in regulated quantities.

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US State Regulations

U.S. California Proposition 65

No ingredient by CA Prop 65 present.

U.S. New Jersey Worker and Community Right-to-Know Act

No ingredients regulated by NJ Right-to-Know Law present.

U.S. Massachusetts RTK-Substance List

No ingredients regulated by PA Right-to-Know Law present.

U.S. Pennsylvania RTK-Hazardous Substance List

No ingredients regulated by PA Right-to-Know Law present.

U.S. Rhode Island RTK

No ingredients regulated by RI Right-to-Know Law present.

Inventory Status:

US TSCA Inventory: On or in compliance with the inventory.

Canada DSL Inventory List: On or in compliance with the inventory.

EU EINECS List: On or in compliance with the inventory.



Japan (ENCS) List: On or in compliance with the inventory.

China Inv. Existing Chemical Substances: On or in compliance with the inventory.

Korea Existing Chemical Inv. (KECI): On or in compliance with the inventory.

Austrillia AICS: On or in compliance with the inventory.

Philippines PICCS: On or in compliance with the inventory.

New Zealand Inventory of Chemicals: On or in compliance with the inventory.

SECTION 16: OTHER INFORMATION

HMIS Hazard ID

HEALTH	* 1
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

B – Safety Glasses & Gloves

Hazard rating: 0 – minimal; 1 – slight; 2 – Moderate; 3 – serious; 4 – Severe; RNP – Rating not possible; *Chronic health effect

NFPA Hazard ID

