

SCS2010N CN/DKGREY

# SAFETY DATA SHEET

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SCS2010N CN/DKGREY

**Recommended use:** Industrial use

**Limitations on use:** None known.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials Asia Pacific Pte, Ltd.  
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Singapore

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**Emergency telephone number** : +65 3165 2217 / +65 3158 1074

**Responsible Department** : Product Stewardship & Compliance

## 2 HAZARDS IDENTIFICATION

**GHS classification:**  
Not classified

The product has not been classified as hazardous according to the legislation in force.

**GHS label elements:**

**Signal Word:** No signal word.

**Hazard Statement(s):** None.

### Precautionary Statements

**Prevention:** Not applicable

**Response:** Not applicable

**Storage:** Not applicable

**Disposal:** Not applicable

**Other hazards which do not result in classification:**

**Primary hazards:** No data available.

**Specific hazards:** No data available.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature:** Silicone sealant

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**Substance or Preparation:**

**Mixtures**

**Hazardous ingredients:**

Chemical Identity	CAS number	Concentration*
Calcium carbonate	1317-65-3	20 - <50%
SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH SILICA	68611-44-9	1 - <5%
TITANIUM DIOXIDE	13463-67-7	1 - <5%
Aluminum oxide	1344-28-1	0.1 - <1%
calcium oxide	1305-78-8	0.1 - <1%
Carbon Black	1333-86-4	0.1 - <1%

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

**Composition Comments:** No hazardous ingredients.

**4 FIRST AID MEASURES**

<b>General:</b>	Get medical attention if symptoms occur.
<b>Inhalation:</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>Eye contact:</b>	In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if symptoms occur.
<b>Skin Contact:</b>	After contact with skin, remove product mechanically. Get medical attention if symptoms occur. Wash with plenty of soap and water.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention if symptoms occur.
<b>Likely Acute or Delayed Symptoms/Effects</b>	Treatment is symptomatic and supportive.
<b>Notes to the physician:</b>	Treatment is symptomatic and supportive.

**5 FIRE-FIGHTING MEASURES**

<b>Extinguishing media:</b>	All standard extinguishing agents are suitable.
<b>Unsuitable extinguishing media:</b>	Avoid water in straight hose stream; will scatter and spread fire.
<b>Specific hazard arising from the chemical:</b>	In case of fire, carbon monoxide and carbon dioxide may be formed. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

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**Special fire-fighting procedures:**

Use standard firefighting procedures and consider the hazards of other involved materials. Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension.  
The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

**Special protective action for fire fighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

Keep unprotected persons away. Use personal protective equipment. Remove sources of ignition. Keep upwind.

**Environmental Precautions:**

Avoid discharge into drains, water courses or onto the ground.

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

Sweep up or vacuum up spillage and collect in suitable container for disposal.

**Notification Procedures:**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). See Section 8 of the SDS for Personal Protective Equipment.

**7 HANDLING AND STORAGE**

**Precautions for safe handling:**

Wear suitable protective clothing, gloves and eye/face protection. Keep away from sources of ignition - No smoking. Ground container and transfer equipment to eliminate static electric sparks.

**Condition for safe storage, including any incompatibilities:**

Store in a dark, cool place indoors, with container tightly closed.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Appropriated engineering control measures:**

No data available.

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**Occupational Exposure Limits:**

Chemical name	Type	Exposure Limit Values	Source
Calcium carbonate	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH SILICA - Particulate.	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
TITANIUM DIOXIDE	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
Aluminum oxide	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
calcium oxide	TWA	2 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
Carbon Black	TWA	3.5 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)
	TWA	3.5 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order), as amended (2006)

**Personal protective equipment (PPE)**

**Respiratory Protection:** Use only in well-ventilated areas.

**Eye Protection:** Safety glasses with side shields

**Hand Protection:** Chemical resistant gloves

**Skin Protection:** Chemical resistant clothing Chemical resistant boots

**Hygiene measures:** Avoid contact with eyes, skin, and clothing. Wash hands after handling.  
When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	solid
<b>Color:</b>	Dark gray
<b>Odor:</b>	Negligible
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	93.3 °C (ASTM D 93)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.

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<b>Relative vapor density:</b>	No data available.
<b>Density:</b>	1.4 g/cm <sup>3</sup> (25 °C)
<b>Relative density:</b>	1.4 (25 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	Organic solvent.: (25 °C) Soluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.
<b>Particle characteristics</b>	
<b>Particle Size:</b>	No data available.
<b>Particle Size Distribution:</b>	No data available.
<b>Specific surface area:</b>	No data available.
<b>Surface charge/Zeta potential:</b>	No data available.
<b>Shape:</b>	No data available.
<b>Crystallinity:</b>	No data available.
<b>Surface treatment:</b>	No data available.
<b>Other information</b>	
<b>Sublimation Point:</b>	/
	No data available.

## 10 STABILITY AND REACTIVITY

<b>Incompatible Materials:</b>	Peroxides. Acids. Water. Bases.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Heat. Water, moisture.
<b>Hazardous Decomposition Products:</b>	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

## 11 TOXICOLOGICAL INFORMATION

<b>General information:</b>	Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.
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### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.

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**Eye contact:** No data available.

**Ingestion:** No data available.

**Acute toxicity (list all possible routes of exposure)**

**Oral**

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

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,

REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE LD 50, Rat, > 10,000 mg/kg

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Dermal**

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

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,

REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE LD 50, Rabbit, > 10,000 mg/kg

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Inhalation**

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

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,

REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE LC50, Rat, 4 h, > 6.8 mg/l

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,

REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

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Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	Category 2
Carbon Black	No data available.

**Serious Eye Damage/Eye Irritation**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No eye irritation
Aluminum oxide	No data available.
calcium oxide	Category 1
Carbon Black	No data available.

**Respiratory or Skin Sensitization**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Carcinogenicity**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Germ Cell Mutagenicity**

**In vitro**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

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**In vivo**

**Product:** No data available.

**Components:**

Calcium carbonateCalcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS

WITH SILICASILANE,  
DICHLORODIMETHYL-,  
REAKTION PRODUCTS

WITH SILICA

TITANIUM

DIOXIDE No data available.

TITANIUM

DIOXIDE

Aluminum oxideAluminum oxide No data available.

calcium oxidecalcium oxide No data available.

Carbon BlackCarbon Black No data available.

**Reproductive toxicity**

**Product:** No data available.

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide Category 3 (respiratory tract irritation)

Carbon Black No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Components:**

Calcium carbonate No data available.

SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS

WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Aspiration Hazard**

**Product:** No data available.



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**Components:**

Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Information on health hazards**

**Other hazards**

**Product:** No data available.;

**Additional toxicological Information under the conditions of use :**

No data available.

**12 ECOLOGICAL INFORMATION**

**Ecotoxicity:**

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	EC0, Pseudomonas putida, 24 h, >, 10,000 mg/l
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	LC0, Leuciscus idus, 48 h, >, 1,000 mg/l
Aluminum oxide	No data available.
calcium oxide	No data available.

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Carbon Black No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**  
Calcium carbonate No data available.  
SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS  
WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**  
Calcium carbonate No data available.  
SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS  
WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**  
Calcium carbonate No data available.  
SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS  
WITH SILICA

TITANIUM DIOXIDE No data available.

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Components:**  
Calcium carbonate No data available.  
SILANE, No data available.

DICHLORODIMETHYL-,  
REAKTION PRODUCTS  
WITH SILICA

TITANIUM DIOXIDE 0 %

Aluminum oxide No data available.

calcium oxide No data available.

Carbon Black No data available.

**BOD/COD Ratio**

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<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Partition Coefficient n-octanol / water (log Kow)**

<b>Product:</b>	, No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Mobility in soil:**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.
SILANE,	No data available.
DICHLORODIMETHYL-,	
REAKTION PRODUCTS	
WITH SILICA	
TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Results of PBT and vPvB assessment:**

<b>Product:</b>	No data available.
<b>Components:</b>	
Calcium carbonate	No data available.

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SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH SILICA TITANIUM DIOXIDE	No data available.
Aluminum oxide	No data available.
calcium oxide	No data available.
Carbon Black	No data available.

**Other adverse effects:**

**Other hazards**

**Product:** No data available.

**Additional Information:** Ecotoxicological data for this product is not available.

**13 Disposal considerations**

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

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

**14 TRANSPORT INFORMATION**

**ADR**

Not Regulated.

**IATA**

Not Regulated.

**IMDG Code**

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. Keep away from food, drink and animal feeding stuffs.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Product is not transported in bulk.

**15 REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

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Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

**Fire Safety (Petroleum and Flammable Materials) Regulations**

Not applicable

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**Inventory Status**

Australia AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	Not in compliance with the inventory.	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: Commercial Status: Active
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.

**16 OTHER INFORMATION**

**Revision Information:** ARGLO\_INVSTSARGHS\_SG  
**Issue Date:** 2024/12/24

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**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use 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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