ThreeBond

Product Guide for Gas Piping Facility and Construction Related Material

Pipe Sealants

A lot of piping is run through buildings to keep life comfortable.
Piping sealants are liquid sealants used to seal in internal fluids through application to the screws in various piping.
Highly reliable sealing is achieved by filling in and adhering to the minute clearance on the treaded joint surface.
A variety of sealants, from general-purpose to specialized types for water piping and gas piping are available to deal with corresponding piping for water, municipal gas, LPG, etc.

ThreeBond 4320B

Special grade semi-dry type for municipal gas
Excellent vibration and impact resistance

Easy to work with rotary nozzle

Overview	Sealing agent for city gas piping
Use	Sealant for piping thread portion of city gas Applicable aperture 15A to 80A
Capacity	230g
Quantity	20

Piping sealant
Nozzle type
How to use Movie

ThreeBond 4332C

Overview	Silicone gas piping sealing agent
Use	Sealant for natural gas, city gas, propane gas, piping thread part
Capacity	200g
Quantity	20

Piping sealant
Tube type
How to use Movie

Various gases can be sealed
Easy to use nonsagging property

ThreeBond 1110F / 1110G
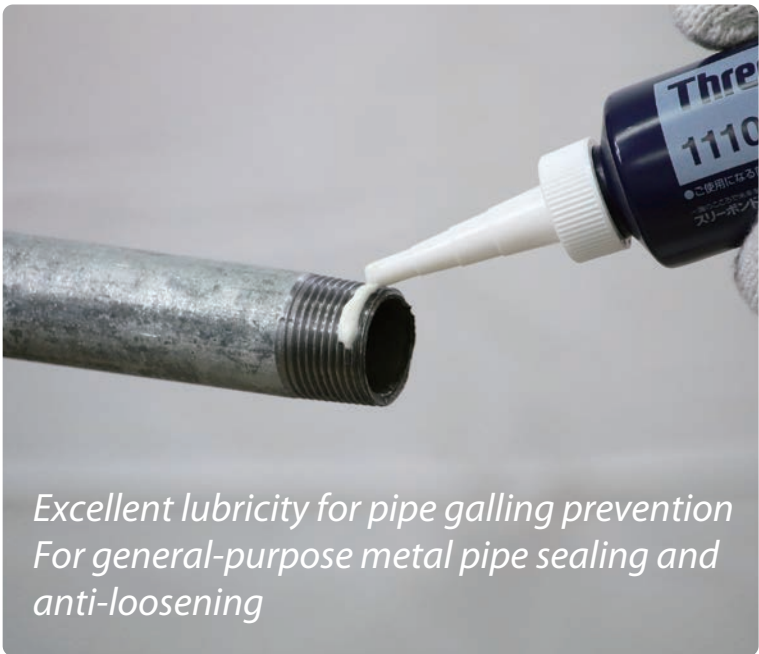
Excellent lubricity for pipe galling prevention
For general-purpose metal pipe sealing and anti-loosening

Overview	Anaerobic type liquid gasket
Use	Sealing and loosening prevention of metal pipe threaded joints such as cold / hot water pipe / cooling pipe / oil pipe / air pipe / drain pipe *Can not be used for piping for hot water / hot water supply
Capacity	ThreeBond 1110F: 100g, 1kg ThreeBond 1110G: 250g, 330g
Quantity	20 ThreeBond 1110F (1kg): 10

ThreeBond 4221 / 4221B / 4230

Overview	Liquid sealant for lined steel pipe for water pipe
Use	Anticorrosive sealing agent for pipe end face and threaded portion for lining steel pipe Sealing agent for water facility, water supply equipment, hot water supply piping Application aperture ThreeBond 4221/4221B: 80A or less
Capacity	ThreeBond 4221: 500g (Canned brush) ThreeBond 4221B: 500g (Canned brush) ThreeBond 4230: 140g
Quantity	ThreeBond 4221: 20 ThreeBond 4221B: 20 ThreeBond 4230: 10

Pipe sealing agent
Brush type
How to use Movie

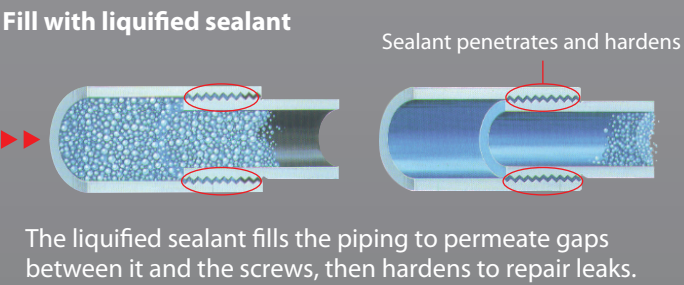*Seal usable for water piping*
JWWA K 161 compliant

Gas-related Materials

Gas is an indispensable part of people's lives, both at home and on the job. Even so, handling it incorrectly can be very dangerous.
Because of this, proper handling, maintenance and inspection are vital.
ThreeBond has prepared a variety of products for gas-related products, from gas leakage repair spray that can be applied right to the internal screws of building pipes, gas and air leakage testing agents required for inspection and maintenance, as well as rust-converting agents for pre-coating base treatment of piping.

ThreeBond 4370

Easily repair gas leaks without damaging walls or floors
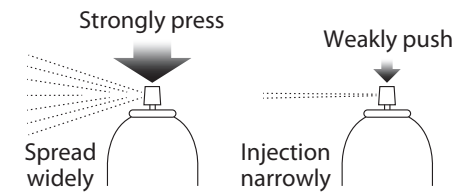*Work can be completed for most houses within two to three hours*

Fill with liquified sealant

Sealant penetrates and hardens

The liquified sealant fills the piping to permeate gaps between it and the screws, then hardens to repair leaks.

Overview	Aerosol gas leakage repair agent
Use	Repair of fine gas leakage at screw joint of gas piping (piping inside the lamp)
	In principle 25A or less
Capacity	370ml
Quantity	20 (5 filling nozzles per case)

ThreeBond 6660

Strongly press

Weakly push

Spread widely

Injection narrowly

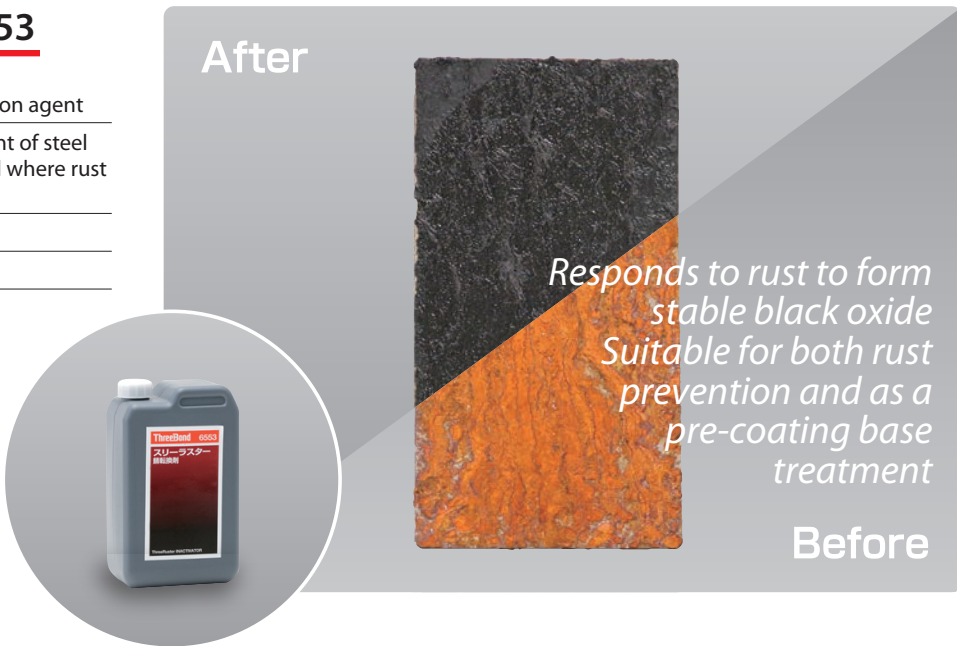| Overview	Gas leak tester Gas leak detection agent
Use	Inspection Maintenance of Air / Gas Piping Facilities and Plants
	Leakage inspection of seal parts and welded parts of compressors, vacuum equipment, pumps, valves, packings, joints etc.
	Detectable gas: Air · nitrogen · oxygen · hydrogen · argon · helium · LPG · city gas · freon gas
	Undetectable gas: Ammonia · dimethyl ether · hydrogen chloride etc.
Capacity	360ml
Quantity	20

ThreeBond 6660
How to use Movie

Makes gas and air leaks easy to detect
JIS Z 2329 compliant
(Bubble leak detection method)

ThreeBond 6553

Overview	Rust conversion agent
Use	Rust treatment of steel and cast steel where rust is generated
Capacity	2kg
Quantity	2

ThreeBond 6553
How to use Movie

After

Before

Responds to rust to form stable black oxide Suitable for both rust prevention and as a pre-coating base treatment

Tape-related Materials

A variety of tapes are used for buildings, such as pipe-seal, adhesive and curing tapes.
ThreeBond handles high-quality products, such as our JIS-compliant, made-in-Japan pipe-seal tape, which are relied on by many customers.

Our lineup features a large selection of sizes so you can find just the right option for any location.

ThreeBond Tape

JIS-compliant products with made-in-Japan reliability for use in public construction, etc.

Overview	Seal tape for piping
Use	Seal of screw part of various pipes, seal of various bolts

Standard product (Conventional product)

Width	Length	Thickness	Quantity
13mm	15m	0.1mm	10 rolls×50
	5m		10 rolls×50

JIS product

Width	Length	Thickness	Quantity
13mm	15m	0.1mm	10 rolls ×50

How to use ThreeBond Tape Video

ThreeBond 4560

Overview	Packing cloth tape
Use	Various bundling / packing

Width	Length	Quantity
50mm	25m	30 rolls
75mm		24 rolls
100mm		18 rolls

High adhesion strength and a variety of sizes for incredible usability

ThreeBond 4561

Overview	Masking tape
Use	Various packing · masking

Width	Length	Quantity
50mm	25m	30 rolls
75mm		18 rolls
100mm		18 rolls
125mm		12 rolls
150mm		12 rolls
200mm		6 rolls

*Cuts easily without leaving residue
Ideal for temporary affixing and masking*
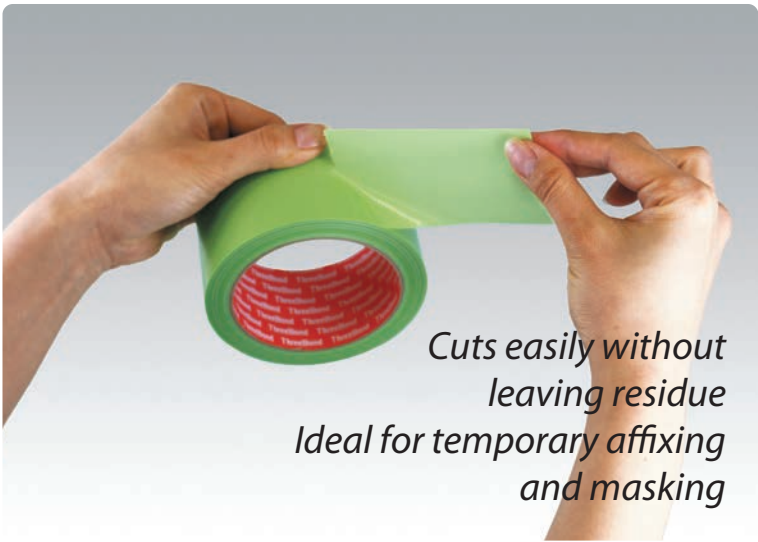
ThreeBond 6910 / PC Seal Tape

Overview	Caulking tape
Use	Gap filling and sealing of piping

ThreeBond 6910 (rolls)

Thickness	Width	Length	Quantity
3mm	23mm	5m	20 rolls

PC Seal Tape (sheets)
Standard products

	Thickness	Width	Length	Quantity
15A	3.2mm	23mm	70mm	60 sheets ×20
20A			90mm	
25A			110mm	
32A			140mm	
40A			160mm	60 sheets×16
50A			180mm	60 sheets×10

New products

	Thickness	Width	Length	Quantity
15A	3.0mm	20mm	70mm	60 sheets ×20
20A			90mm	
25A			110mm	
32A			140mm	
40A			160mm	
50A			180mm	

Easily seals gaps in pipe fixtures

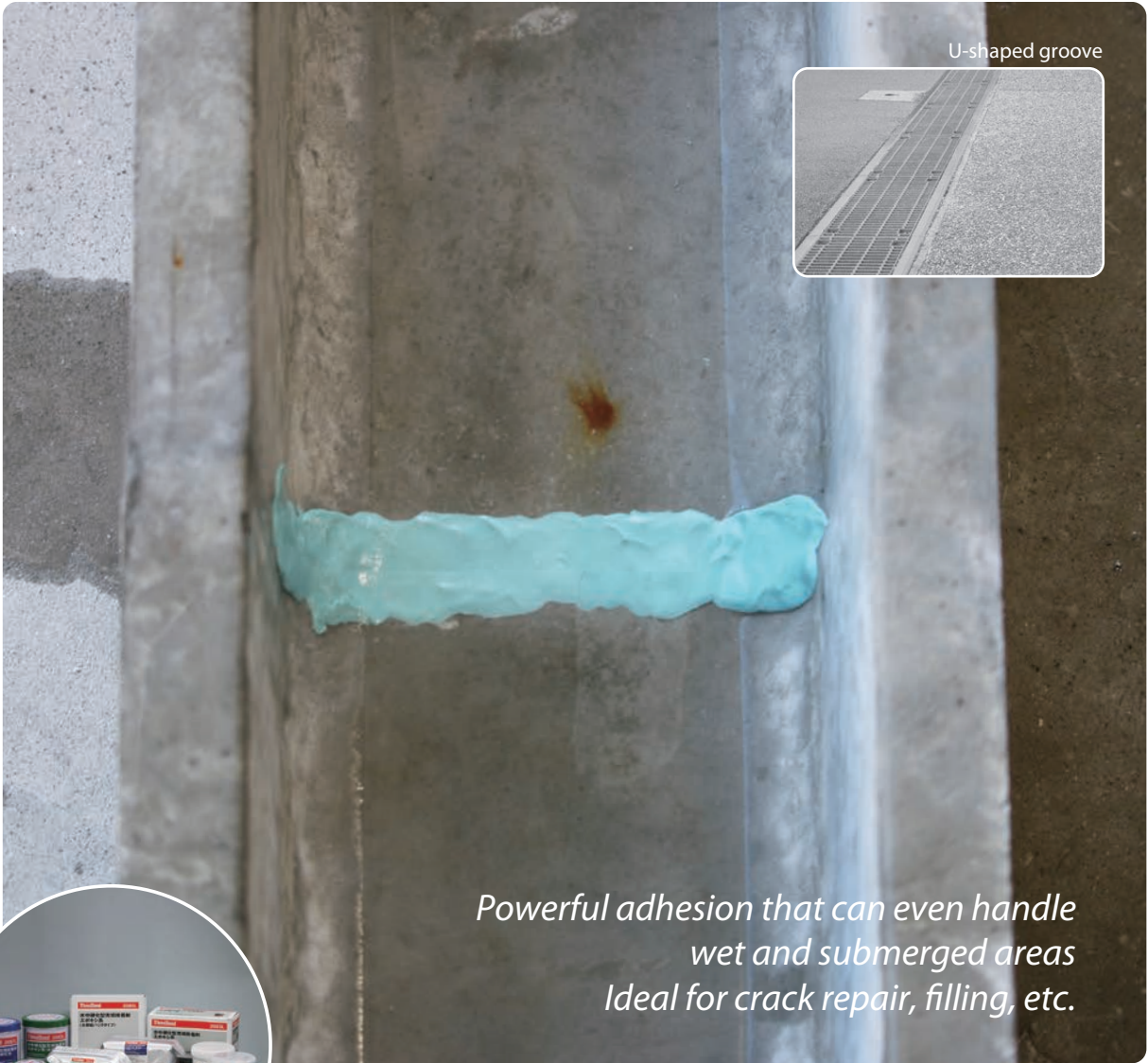How to use TB6910 / PC Seal Tape Video

Repair Agent

Deterioration is inevitable when it comes to building use. A crack, fissure or leak that occurs can cause sudden and serious problems if left unrepaired.

In response to these issues, ThreeBond has created repair agents and lubricants that simplify maintenance needed when building damage occurs.

We also develop repair agents usable where in places where such products cannot normally be used, such as lubricated, submerged or high-temperature and heated areas.

ThreeBond 2083L

U-shaped groove

Powerful adhesion that can even handle wet and submerged areas Ideal for crack repair, filling, etc.

Overview	Underwater curable filling adhesive
Use	Crack repair of wet surface of concrete etc.
Capacity	This drug: 1kg, 250g Curing agent: 1kg, 250g 1kg Set Water Paper Set
Quantity	This drug (250g)×10 This drug (1kg)×10 Curing agent (250g)×10 Curing agent (1kg)×10 1kg Set×10 Water Paper Set (2kg)×6 (This drug and Curing agent 100g×10)

Water Paper Pack Type
Usage Video

ThreeBond 4550D (Rubber tape for temporary stop water with ThreeBond 4551)

Overview	Water fast cure urethane repair tape
Use	Repair of leakage of fluid from conduit part Reinforcement of joints and columnar circular materials
Size	S: 5cm×150cm M: 7.5cm×300cm ThreeBond 4551: 3cm×200cm
Quantity	10×2 Set

ThreeBond 4551

ThreeBond 4550D
How to use Movie

Repairs both liquid and gas leaks Repairs only take about 20 min. to complete

ThreeBond 1807B

Penetrates easily and lubricates well for smooth screw removal

Overview	Osmotic rust preventive lubricant
Use	Loosening agent of secured screw Rust prevention and lubrication of various parts
Capacity	350ml
Quantity	24

Foaming property Experiment
Screw Loosening Experiment Movie

Others

A wide variety of materials are used in buildings, from high-heat or light to high-quality materials for building facades.
ThreeBond also develops adhesives for application to a great many of these materials.

Our development approach is aggressively environmentally friendly, including products such as tin-free adhesives and solvent-free organic cleaning agents.

ThreeBond 1533 / 1535

Powerfully adheres to many kinds of dissimilar materials
Incredibly easy usability for any working environment

Acrylic
Aluminum
Glass epoxy
ABS
Glass
Stainless
NBR
PPS
PBT
Copper
Iron
Poly-carbonate

Metal	· Aluminum · Iron · Stainless steel · Copper
Plastic	· Phenol resin · Glass epoxy · Acrylic · ABS · Polycarbonate · Nylon · PET (polyethylene terephthalate) · PBT (polybutylene terephthalate) · PPS (polyphenylene sulfide)
Gum	· Silicone · Hard vinyl chloride
etc.	· Glass · Cotton canvas · Wood

Overview	One-component moisture-curing elastic adhesive
Use	Adhesive and seal potting of various materials
Capacity	ThreeBond 1533: 150g (Tube) 460g (Cartridge) DBT Free ThreeBond 1535: 170g (Tube) 470g (Cartridge) Tin Free
Quantity	20

ThreeBond 1533
How to use Movie

ThreeBond 3911D

Overview	Gasket remover
Use	Removal of solid / liquid gasket
Capacity	420ml
Quantity	20

ThreeBond 3911D
How to use Movie

Expands clogged gaskets, making peeling easier to save both time and labor

ThreeBond 6701D / 6702

Dries quickly with no residue
Ideal for cleaning welded parts of PE piping

Overview	Industrial wet wipers
Use	For cleaning the welded portion of PE gas piping
Capacity	ThreeBond 6701D: 140mm×200mm 80 Sheets ThreeBond 6702: 200mm×260mm 300 Sheets
Quantity	ThreeBond 6701D: 24 ThreeBond 6702: 4

ThreeBond product sealant usage place quick reference table

Products	Net	Type	Photo	Color	Water supply	Hot water supply	Cold warm water	Cool and warm antifreeze	Industrial water	Water pipe	SUS piping	Kerosene	City Gas	LPG	Air pressure	Vapor	Temperature (°C)	Cured form	Standards and others
TB1110F	100g	Tube		White	× Not be able to drink	× Not be able to drink	○ Copper type not possible	○ Copper type not possible	○	○	○	○	×	○	○	○ Low pressure limited	-40 to 150	Anaerobic curing	VOC countermeasure item
TB1110G	250g	Tube		Milky white	× Not be able to drink	× Not be able to drink	○ Copper type not possible	○ Copper type not possible	○	○	○	○	×	×	○	○ Low pressure limited	-40 to 150	Anaerobic curing	VOC countermeasure item
TB1184	200g	Tube		Gray	× Not be able to drink	× Not be able to drink	○	○	○	○	○	○	-	-	-	-	-40 to 150	Semidrying	-
TB1211	100g	tube		White	× Not be able to drink	× Not be able to drink	×	×	○	○	○	×	×	×	×	- Not steamable	-60 to 200 Not steamable	Moisture curing	-
TB1215	250g	Tube		Gray	△ Not be able to drink	× Not be able to drink	×	×	×	×	×	×	△	△	×	-	-60 to 200	Moisture curing	-
TB4002	500g	Canned brush		Gray	× Not be able to drink	× Not be able to drink	○	○	○	○	○	×	○	○	○	×	○ Low pressure limited	-30 to 130	Solvent volatilization	-
TB4004D	500g	Canned brush		Gray	× Not be able to drink	× Not be able to drink	○	○	○	○	×	○	○	○	×	-	-40 to 150	Semidrying	-
TB4221	500g	Canned brush		Gray	○ K161 standard product	○ K161 standard product	×	×	○	○	×	×	×	×	×	-	-30 to 85	Solvent volatilization	-
TB4221B	500g	Canned brush		White	○ K161 standard product	○ K161 standard product	×	×	○	○	×	×	×	×	×	-	-30 to 85	Solvent volatilization	-
TB4230	140g	Tube		White	○ K161 standard product	○ K161 standard product	○	○	○	○	○	×	×	×	×	- Not steamable	-30 to 120 (85 °C for hot water supply)	Moisture curing	VOC countermeasure item
TB4320B	230g	Tube		Ivory	× Not be able to drink	× Not be able to drink	×	×	×	×	×	×	○	×	×	- Not steamable	-40 to 80	Semidrying	VOC countermeasure item
TB4332C	200g	Tube		Ivory	× Not be able to drink	× Not be able to drink	×	×	○	○	×	×	○	○	×	- Not steamable	-40 to 100	Moisture curing	VOC countermeasure item
TB4333B	200g	Tube		Green-gray	× Not be able to drink	× Not be able to drink	×	×	○	○	×	×	○	○	×	- Not steamable	-40 to 100	Moisture curing	VOC countermeasure item
ThreeBond Tape	Thickness 0.1mm Width 13mm Length 5m or 15m			White	○	○	○	○	○	○	○	○	-	-	○	○	-100 to 250	Solid	VOC countermeasure item PFOA free
ThreeBond Tape (JIS-compliant products)	Thickness 0.1mm Width 13mm Length 15m			White	○	○	○	○	○	○	○	○	-	-	○	○	-100 to 250	Solid	VOC countermeasure item PFOA free
TB4550D	S type (5cm×1.5m) M type (7.5cm×3m)			White	○	-	○	○	○	○	○	-	-	-	○	-	-100 to 60	Solid	-

○：Good　×：Inappropriate　△：In some cases it is possible to use　－：Unmeasured

Values pertaining to usability as listed above are reference values only and are not guaranteed. Accordingly, confirm in advance whether customer usage is possible or not.

For Industrial Use Only — Do not use this product for household purposes

This product was developed for general industrial use. Before using this product, the user must accept the following terms:

- The technical data given herein are not guaranteed values, but examples of experimental values obtained by our specified test methods. We do not guarantee that the uses described herein do not conflict with any intellectual property right.
- Users are asked to examine whether the product is appropriate to the purpose of use and can be used safely before they use it and bear all responsibilities and hazards involved in its use. Never use the product for medical implants that may be embedded, injected or left in the body.

- We are not liable for personal injury or property damage caused by improper handling of this product. If the properties and usage of this product are unknown, never use it.
- For detailed safety information of the product, see the Safety Data Sheet (SDS). To obtain the SDS, contact our sales office or customer service center.
- Information in this technical document is subject to change at our discretion without notice.

Creating Our Future From a Single Drop

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● With about 100 sales offices and manufacturing plants in Japan as well as 60 sales offices and manufacturing plants that are located outside of Japan, we have established a system to quickly meet the needs of our customers.

Your request: