

# BMW Group

## Material Safety Data Sheet

### Leather lacquer

Version 1.0

Revision Date 02/03/2015

Print Date 02/05/2015

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Leather lacquer  
Product number : 83 19 2 179 024, 83 19 2 179 025, 83 19 2 179 028, 83 19 2 179 029, 83 19 2 179 030, 83 19 2 179 031, 83 19 2 179 009, 83 19 2 179 010, 83 19 2 179 012, 83 19 2 179 013, 83 19 2 179 014, 83 19 2 179 015, 83 19 2 179 016, 83 19 2 179 017, 83 19 2 179 018, 83 19 2 179 019, 83 19 2 179 020, 83 19 2 179 021, 83 19 2 179 022  
MSDS Number : BMW100005432  
Product Use Description : Colouring agent  
Company : BMW of North America, LLC  
300 Chestnut Ridge Road  
Woodcliff Lake, NJ 07677  
Telephone : 201 307 4000 8:00 am. – 5:00 pm. EST  
Telefax : 201 307 4095  
Emergency info : For 24-hour emergency assistance, call: the 3E Company at 1-877-472-1724.  
Please provide product tracking code: 9457.

#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

Not a hazardous substance or mixture.

##### GHS Label element

Not a hazardous substance or mixture.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]-	27306-78-1	>= 0.1 - < 1

#### SECTION 4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.  
Inhalation : If breathed in, move person into fresh air.  
Skin contact : Immediately flush skin with large amounts of water.  
Eye contact : If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Ingestion : If swallowed, DO NOT induce vomiting. If symptoms persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

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**Notes to physician**

Treatment : Treat symptomatically and supportively.

**SECTION 5. FIREFIGHTING MEASURES**

- Form : liquid  
Flash point : Note: Not applicable
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.  
Hazardous decomposition products may be formed under fire conditions (see section 10).  
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.  
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
In the event of fire and/or explosion do not breathe fumes.  
Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Ensure adequate ventilation, especially in confined areas.  
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.

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Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.  
Clean contaminated surface thoroughly.

**SECTION 7. HANDLING AND STORAGE****Handling**

Handling : For personal protection see section 8.  
Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Dust explosion class : Not applicable

**Storage**

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place.  
Protect from frost, heat and sunlight.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

Storage temperature : 5 - 35 °C (41 - 95 °F)

Other data : No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Contains no substances with occupational exposure limit values.

Engineering measures : Provide adequate ventilation.

Eye protection : In case of splash hazard, please wear protective goggles.

Hand protection  
Glove material : Nitrile rubber

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance

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- and specific to place of work.  
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Respiratory protection : Respirator with combination filter for vapour/particulate (EN 141)  
Respirator with filter type A
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
General industrial hygiene practice.  
Avoid breathing vapours, mist or gas.  
Avoid contact with skin, eyes and clothing.  
When using do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.  
Wash contaminated clothing before re-use.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form : liquid  
Physical state : liquid
- Colour : No data available  
Odour : pleasant  
Odour Threshold : No data available  
Flash point : Note: Not applicable
- Ignition temperature : No data available  
Thermal decomposition : No data available  
Lower explosion limit : Not applicable
- Upper explosion limit : Not applicable
- Flammability : Does not sustain combustion.
- Molecular weight : No data available  
pH : 8.5  
at 100 g/l/20 °C (68 °F)  
Method: DIN 51369
- Boiling point/boiling range : 100 °C(212 °F)
- Vapour pressure : 23 hPa  
at 20 °C (68 °F)

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Relative vapour density	:	No data available
Evaporation rate	:	No data available
Density	:	1.027 g/cm <sup>3</sup> at 20 °C (68 °F)
Relative density	:	No data available
Bulk density	:	Not applicable
Water solubility	:	completely miscible
Partition coefficient: n-octanol/water	:	No data available
Solubility in other solvents	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Volatile organic compounds (VOC) content	:	1.14 % 11.7 g/l

#### SECTION 10. STABILITY AND REACTIVITY

Hazardous decomposition products	:	Nitrogen oxides (NO <sub>x</sub> ) Carbon monoxide
Hazardous reactions	:	Note: No decomposition if stored and applied as directed.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Acute dermal toxicity	:	Acute toxicity estimate Dose: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate Exposure time: 4 h Dose: > 40 mg/l Method: Calculation method
Carcinogenicity	:	No data is available on the product itself.
Reproductive toxicity	:	No data is available on the product itself.
Teratogenicity	:	No data is available on the product itself.

##### Component:

Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]-

27306-78-1

Acute dermal toxicity: Acute toxicity estimate  
Dose: 1,100 mg/kg  
Method: Expert judgement

Acute inhalation toxicity: LC50 Rat  
Dose: 2 mg/l/Exposure time: 4 h

Skin irritation: Result: irritating

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Eye irritation: Result: Risk of serious damage to eyes.

#### Carcinogenicity:

##### OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

##### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

##### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## SECTION 12. ECOLOGICAL INFORMATION

Volatile organic compounds (VOC) content : 1.14 %

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

## SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.  
Do not dispose of waste into sewer.  
Do not dispose of together with household waste.

## SECTION 14. TRANSPORT INFORMATION

#### DOT 49 CFR

Not dangerous goods

#### TDGR

Not dangerous goods

#### ICAO/IATA-DGR

Not dangerous goods

#### IMDG-Code

Not dangerous goods

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#### SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : No SARA Hazards

**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.

**PENN RTK** US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
water	7732-18-5
polyacrylate	
Hexanedioic acid, polymer with 1,4-butanediol, 1,6-hexanediol and 1,1'-methylenebis[4-isocyanatobenzene]	30662-91-0
Dye	
2-[2-(2-butoxyethoxy)ethoxy]ethanol	143-22-6
Polyethylene glycol	25322-68-3
Poly(oxy-1,2-ethanediyl), .alpha.-dodecyl-.omega.-hydroxy-	9002-92-0

**MASS RTK** US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

No components are subject to the Massachusetts Right to Know Act.

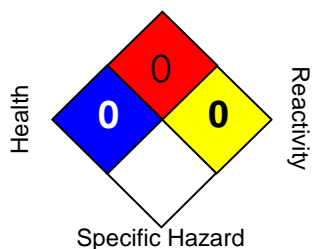
**NJ RTK** US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
water	7732-18-5
polyacrylate	
Hexanedioic acid, polymer with 1,4-butanediol, 1,6-hexanediol and 1,1'-methylenebis[4-isocyanatobenzene]	30662-91-0
Dye	

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16. OTHER INFORMATION****Further information****NFPA:**

Flammability

**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL</b>	<b>0</b>

0 = Insignificant, 1 =Slight,  
2 =Moderate, 3 =High, 4 = Extreme

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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