

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Trade name : JM Coating Universal Base

Manufacturer or supplier's details

 Company : Johns Manville
 Address : P.O. Box 5108
 Denver, CO USA 80127
 Telephone : +1-303-978-2000
 Emergency telephone : +1-800-424-9300 (CHEMTREC)
 number

 Company : Johns Manville Canada Inc.
 Address : 5301 42 Avenue
 Innisfail, AB Canada T4G 1A2
 Telephone : +1-303-978-2000
 Emergency telephone : +1-800-424-9300 (CHEMTREC)
 number

Recommended use of the chemical and restrictions on use

Restrictions on use : For professional users only.

Prepared by : productsafety@jm.com


SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200 (OSHA HCS 2012) and the Hazardous Products Regulations (WHMIS 2015)

Eye irritation : Category 2A

Carcinogenicity : Category 1A

GHS label elements

 Hazard pictograms : 

Signal word : Danger

 Hazard statements : H319 Causes serious eye irritation.
 H350 May cause cancer.

 Precautionary statements : **Prevention:**
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read
 and understood.
 P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/ protective clothing/ eye protection/
 face protection.

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous components

Chemical name	CAS-No.	Concentration (%)
quartz (SiO ₂)	14808-60-7	>= 10 - <= 30
propylene glycol	57-55-6	>= 1 - <= 5

SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Call a physician if irritation develops or persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Gently wipe or rinse the inside of the mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician or Poison Control Centre immediately.

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO₂)
Foam
Dry chemical
Water spray
- Unsuitable extinguishing media : High volume water jet
- Hazardous combustion products : carbon oxides
- Further information : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Methods and materials for containment and cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Keep tightly closed in a dry and cool place.
- Materials to avoid : Strong oxidizing agents
Store away from oxidizing agents.
- Further information on storage stability : Stable at normal ambient temperature and pressure.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
quartz (SiO ₂)	14808-60-7	TWA (Respirable fraction)	0.025 mg/m ³	ACGIH
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA
		TWA (Respirable dust)	0.05 mg/m ³	NIOSH REL
		TWA (Respirable dust)	0.05 mg/m ³	OSHA
propylene glycol	57-55-6	TWA	10 mg/m ³	US WEEL

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection
Material : Impervious gloves

Remarks : Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : If used and stored as directed, no special protective equipment is necessary.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Written instructions for handling must be available at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid

Colour : blue

Odour : acrylic-like

Odour Threshold : No data available

pH : 8, (25 °C)

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Melting point/freezing point	: No data available
Initial boiling point and boiling range	: 100 - 118.33 °C
Flash point	: > 119 °C Method: closed cup
Evaporation rate	: Slower than ethyl ether
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: 0.1 hPa (20 °C)
Relative vapour density	: No data available
Relative density	: 1.26(Water = 1.0)
Density	: 1.26 g/cm ³
Solubility(ies) Water solubility	: 1,000 g/l soluble (25 °C)
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity Viscosity, dynamic	: 400 mPa.s (25 °C)
Viscosity, kinematic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	: No data available
Incompatible materials	: Oxidizing agents Acids

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

SECTION 11. TOXICOLOGICAL INFORMATION
Acute toxicity

Not classified based on available information.

Product:

 Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg
 Method: Calculation method

Acute toxicity
Components:
quartz (SiO₂):

Acute oral toxicity : Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : Assessment: The substance or mixture has no acute dermal toxicity

Acute toxicity
propylene glycol:

Acute oral toxicity : LD50 (Rat, male and female): 22,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Result: Irritating to eyes.

Respiratory sensitisation: Not classified based on available information.

IARC

Group 1: Carcinogenic to humans

 quartz (SiO₂)

14808-60-7

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

Known to be human carcinogen

 quartz (SiO₂)

14808-60-7

Aspiration toxicity

Not classified based on available information.

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****propylene glycol:**Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l
Exposure time: 96 hToxicity to daphnia and other : LC50 (Ceriodaphnia dubia (water flea)): 18,340 mg/l
aquatic invertebrates : Exposure time: 48 h
Method: EPA-660/3-75-009Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (algae)): 34,100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 201**Persistence and degradability**

No data available

Bioaccumulative potential**Components:****propylene glycol:**Partition coefficient: n- : log Pow: -1.07 (20 °C)
octanol/water**Mobility in soil**

No data available

Other adverse effects**Product:**Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82
Protection of Stratospheric Ozone - CAA Section 602 Class I
Substances
Remarks: This product neither contains, nor was
manufactured with a Class I or Class II ODS as defined by the
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +
B).Additional ecological : No data available
information**SECTION 13. DISPOSAL CONSIDERATIONS**

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

Disposal methods

- Disposal of residual product : Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. Packaging that cannot be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

SECTION 14. TRANSPORT INFORMATION**International transport regulations**

Land transport

USDOT: Not classified as a dangerous good under transport regulations

TDG: Not classified as a dangerous good under transport regulations

Sea transport

IMDG: Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO: Not classified as a dangerous good under transport regulations

SECTION 15. REGULATORY INFORMATION**TSCA list**

TSCA - 5(a) Significant New Use Rule List of Chemicals : No substances are subject to a Significant New Use Rule.

U.S. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) : No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation
Carcinogenicity

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

JM Coating Universal Base

Version 1.0

Revision Date 01/03/2019

Print Date 01/03/2019

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

propylene glycol	57-55-6	1 - 5 %
------------------	---------	---------


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

quartz (SiO ₂)	14808-60-7
----------------------------	------------

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

water	7732-18-5
2-propenoic acid, polymer with ethenylbenzene	25085-34-1
quartz (SiO ₂)	14808-60-7
propylene glycol	57-55-6

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

 **WARNING:** This product can expose you to chemicals including quartz (SiO₂), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Permissible Exposure Limits for Chemical Contaminants

quartz (SiO ₂)	14808-60-7
----------------------------	------------

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

TSCA : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

Further information

Revision Date : 01/03/2019

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.