

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 1 of 29

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product code : 1411218

Trade name : LA LMM-6000
GSLA_LMM-6000 Black Paste 250g

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Decorative coating

Uses advised against : Others not identified as relevant use.

1.3 Details of the supplier of the safety data sheet

Company : Vibrantz Corporation
6060 Parkland Blvd. Suite 250
44124-4185 Mayfield Heights

Telephone : +12168755600

Telefax :

E-mail address : PS.Request.americas@vibrantz.com

Responsible/issuing person

1.4 Emergency telephone number

In-Country Number : +(44)-870-8200418

CHEMTREC Global Number : +(1)-703-527-3887 (Call Collect)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 2 of 29

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing mist or vapours.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
Response:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

Molybdenum(VI) oxide
ammonium metavanadate

Additional Labelling

EUH208 Contains polyaminoamide. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 3 of 29

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : organic solvent
carbonic acid/ester/anhydride
silicatic material
inorganic metal-nonmetal compound
inorganic salt

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 30 - < 50
Molybdenum(VI) oxide	1313-27-5 215-204-7 042-001-00-9 01-2119488038-30-xxxx	Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H335 (Respiratory system)	>= 30 - < 50
ethyl acetate	141-78-6 205-500-4 607-022-00-5 01-2119475103-46-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 0,1 - < 10
ammonium metavanadate	7803-55-6 232-261-3	Acute Tox. 3; H301 Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) Acute toxicity estimate Acute oral toxicity: 275,87 mg/kg	>= 0,1 - < 10
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36-xxxx	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute toxicity estimate Acute oral toxicity: 1.200 mg/kg	>= 0,1 - < 10

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 4 of 29

methanol	67-56-1 200-659-6 603-001-00-X 01-2119392409-28-xxxx	1.200 mg/kg Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 STOT SE 1; H370 specific concentration limit STOT SE 1; H370 ≥ 10 % STOT SE 2; H371 3 - < 10 % STOT SE 1; H370 ≥ 10 % STOT SE 2; H371 3 - < 10 % Acute toxicity estimate Acute dermal toxicity: 300 mg/kg	≥ 1 - < 3
4-methylpentan-2-one	108-10-1 203-550-1 606-004-00-4	Flam. Liq. 2; H225 Acute Tox. 4; H332 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H336 (Central nervous system) EUH066 Acute toxicity estimate Acute inhalation toxicity (vapour): 11 mg/l	≥ 0,1 - < 1
polyaminoamide	162627-17-0	Skin Sens. 1; H317	≥ 0,1 - < 1
Molybdenum(VI) oxide	1313-27-5 215-204-7 042-001-00-9 01-2119488038-30-xxxx	Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H335 (Respiratory system)	≥ 25 - < 50
ammonium metavanadate	7803-55-6 232-261-3	Acute Tox. 3; H301 Acute Tox. 4; H332 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system)	≥ 3 - < 10

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 5 of 29

		Acute toxicity estimate	
		Acute oral toxicity: 275,87 mg/kg	
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36-xxxx	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 3
		Acute toxicity estimate	
		Acute oral toxicity: 1.200 mg/kg 1.200 mg/kg	
ethyl acetate	141-78-6 205-500-4 607-022-00-5 01-2119475103-46-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 1 - < 3
solvent naphtha (petroleum), light, aromatic	64742-95-6 265-199-0 649-356-00-4	Flam. Liq. 3; H226 Asp. Tox. 1; H304	< 1
Substances with a workplace exposure limit :			
mica	12001-26-2 310-127-6		>= 0,1 - < 10
propane-1,2-diol	57-55-6 200-338-0		>= 0,1 - < 10
Substances with a workplace exposure limit :			
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 25 - < 50
mica	12001-26-2 310-127-6		< 10
propane-1,2-diol	57-55-6 200-338-0		< 10

For explanation of abbreviations see section 16.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 6 of 29

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: Do not leave the victim unattended. Move out of dangerous area. Show this safety data sheet to the doctor in attendance.
If inhaled	: If unconscious, place in recovery position and seek medical advice.
In case of skin contact	: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Rinse mouth immediately with plenty of water and seek medical advice. Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Risks	: Causes serious eye irritation. May cause respiratory irritation. Suspected of causing cancer.
-------	---

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: Treat symptomatically.
-----------	--------------------------

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	: High volume water jet

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 7 of 29

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use a water spray to cool fully closed 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.
For safety reasons in case of fire, cans should be stored separately in closed containments.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Material can create slippery conditions.
Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Clean contaminated floors and objects thoroughly while observing environmental regulations.
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 8 of 29

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid release to the environment.
Avoid formation of aerosol.
Do not breathe vapours/dust.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on a naked flame or any incandescent material.
- Hygiene measures : Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions.
- Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethanol	64-17-5	TWA	1.000 ppm 1.920 mg/m3	GB EH40
Molybdenum(VI) oxide	1313-27-5	TWA	5 mg/m3 (Molybdenum)	GB EH40
		STEL	10 mg/m3 (Molybdenum)	GB EH40
mica	12001-26-2	TWA (Inhalable)	10 mg/m3	GB EH40

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification

Version

Material number

RS_FP_603463

6.0

1411218

GSLA_LMM-6000 Black Paste 250g

Revision Date

Print Date

Page

18.11.2024

22.02.2025

Page 9 of 29

		TWA (Respirable fraction)	0,8 mg/m3	GB EH40
ethyl acetate	141-78-6	TWA	200 ppm 734 mg/m3	2017/164/EU
	Further information: Indicative			
		STEL	400 ppm 1.468 mg/m3	2017/164/EU
	Further information: Indicative			
		STEL	400 ppm 1.468 mg/m3	GB EH40
		TWA	200 ppm 734 mg/m3	GB EH40
2-butoxyethanol	111-76-2	TWA	20 ppm 98 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	50 ppm 246 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		TWA	25 ppm 123 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	50 ppm 246 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
	Further information: Indicative, Identifies the possibility of significant uptake through the skin			
		TWA	200 ppm 266 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	250 ppm 333 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
propane-1,2-diol	57-55-6	TWA (Total vapour and particles)	150 ppm 474 mg/m3	GB EH40
		TWA (particles)	10 mg/m3	GB EH40
4-methylpentan-2-one	108-10-1	TWA	20 ppm 83 mg/m3	2000/39/EC
	Further information: Indicative			
		STEL	50 ppm	2000/39/EC

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 10 of 29

			208 mg/m3	
	Further information: Indicative			
		STEL	100 ppm 416 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm 208 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
2-butoxyethanol	111-76-2	butoxyacetic acid: 240 Millimoles per mole Creatinine (Urine)	After shift	GB EH40 BAT
4-methylpentan-2-one	108-10-1	4-methylpentan-2-one: 20 micromol per litre (Urine)	After shift	GB EH40 BAT

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
ethanol	Workers	Inhalation	Long-term systemic effects	950 mg/m3
	Workers	Dermal	Long-term systemic effects	343 mg/kg bw/day
2-butoxyethanol	Workers	Inhalation	Long-term systemic effects	98 mg/m3
	Workers	Inhalation	Acute systemic effects	1091 mg/m3
	Workers	Dermal	Long-term systemic effects	125 mg/kg bw/day
	Workers	Dermal	Acute systemic effects	89 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
ethanol	Fresh water	0,96 mg/l
	Marine water	0,79 mg/l
	Fresh water sediment	3,6 mg/kg dry weight (d.w.)
	Marine sediment	2,9 mg/kg dry weight (d.w.)
	Soil	0,63 mg/kg dry weight (d.w.)
	Sewage treatment plant	580 mg/l
2-butoxyethanol	Fresh water	8,8 mg/l

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 11 of 29

	Marine water	0,88 mg/l
	Sewage treatment plant	463 mg/l
	Fresh water sediment	34,6 mg/kg dry weight (d.w.)
	Marine sediment	3,46 mg/kg dry weight (d.w.)
	Soil	2,33 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Eye protection : Ensure that eyewash stations and safety showers are close to the workstation location.
Tightly fitting safety goggles.

Hand protection : Wear protective gloves, for example: polyvinyl alcohol or nitrile-butyl-rubber gloves, or similar; Glove thickness: > 0.4 mm and Break Through time: > 480 minutes. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Before removing gloves clean them with soap and water.

Skin and body protection : Impervious clothing

Respiratory protection : No personal respiratory protective equipment normally required.

Protective measures : Wear suitable protective equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : paste

Colour : yellow

Odour : characteristic

Odour Threshold : No data available

Melting point/range : No data available

Upper explosion limit / Upper flammability limit : 23 %(V)

Lower explosion limit / Lower flammability limit : 1,1 %(V)

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 12 of 29

Flash point : 14 °C

Auto-ignition temperature : not determined

Decomposition temperature : No data available

pH : No data available

Viscosity
Viscosity, kinematic : No data available

Solubility(ies)
Water solubility : soluble

Solubility in other solvents : No data available

Partition coefficient: n-
octanol/water : No data available

Vapour pressure : No data available

Relative density : No data available

Density : No data available

Bulk density : No data available

Relative vapour density : No data available

9.2 Other information

Explosives : No data available

Oxidizing properties : Not applicable

Flammable solids
Burning rate : No data available

Self-ignition : No data available

Evaporation rate : No data available

Refractive index : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 13 of 29

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

Not applicable

10.6 Hazardous decomposition products

Stable under normal conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Components:

ethanol:

Acute oral toxicity : LD50 Oral (Rat, male and female): 10.470 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 51 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 14 of 29

Method: OECD Test Guideline 402

ethyl acetate:

Acute oral toxicity : LD50 Oral (Rat): 6.100 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

ammonium metavanadate:

Acute oral toxicity : LD50 (Rat, male and female): 275,87 mg/kg
Method: OECD Test Guideline 401
GLP: yes
Remarks: Toxic if swallowed.

Acute toxicity estimate: 275,87 mg/kg
Method: Calculation method

2-butoxyethanol:

Acute oral toxicity : Acute toxicity estimate: 1.200 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute toxicity estimate: 1.200 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

LD50 Oral (Rat, male and female): 1.746 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

methanol:

Acute dermal toxicity : Acute toxicity estimate: 300 mg/kg
Method: Converted acute toxicity point estimate

4-methylpentan-2-one:

Acute inhalation toxicity : Acute toxicity estimate: 11 mg/l
Test atmosphere: vapour
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

ammonium metavanadate:

Acute oral toxicity : LD50 (Rat, male and female): 275,87 mg/kg
Method: OECD Test Guideline 401
GLP: yes
Remarks: Toxic if swallowed.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 15 of 29

Acute toxicity estimate: 275,87 mg/kg
Method: Calculation method

2-butoxyethanol:

Acute oral toxicity : Acute toxicity estimate: 1.200 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute toxicity estimate: 1.200 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

LD50 Oral (Rat, male and female): 1.746 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

ethyl acetate:

Acute oral toxicity : LD50 Oral (Rat): 6.100 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

ethanol:

Acute oral toxicity : LD50 Oral (Rat, male and female): 10.470 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 51 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Not classified based on available information.

Components:

ethanol:

Species : Rabbit
Exposure time : 24 h
Method : OECD Test Guideline 404
Result : No skin irritation

Molybdenum(VI) oxide:

Species : Rabbit

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification
Version
Material number

RS_FP_603463
6.0
1411218

GSLA_LMM-6000 Black Paste 250g

Revision Date
Print Date
Page

18.11.2024
22.02.2025
Page 16 of 29

Exposure time : 4 h
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

2-butoxyethanol:

Species : Rabbit
Exposure time : 72 h
Method : OECD Test Guideline 404
Result : Irritating to skin.
GLP : yes

Molybdenum(VI) oxide:

Species : Rabbit
Exposure time : 4 h
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

2-butoxyethanol:

Species : Rabbit
Exposure time : 72 h
Method : OECD Test Guideline 404
Result : Irritating to skin.
GLP : yes

ethanol:

Species : Rabbit
Exposure time : 24 h
Method : OECD Test Guideline 404
Result : No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

ethanol:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Eye irritation

Molybdenum(VI) oxide:

Species : Rabbit
Assessment : Irritating to eyes.
Result : Irritating to eyes.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 17 of 29

ethyl acetate:

Species : Rabbit
Result : No eye irritation

ammonium metavanadate:

Species : Rabbit
Exposure time : 1 h
Method : OECD Test Guideline 405
Result : Irritating to eyes.
GLP : yes

2-butoxyethanol:

Result : Eye irritation

Molybdenum(VI) oxide:

Species : Rabbit
Assessment : Irritating to eyes.
Result : Irritating to eyes.

ammonium metavanadate:

Species : Rabbit
Exposure time : 1 h
Method : OECD Test Guideline 405
Result : Irritating to eyes.
GLP : yes

2-butoxyethanol:

Result : Eye irritation

ethyl acetate:

Species : Rabbit
Result : No eye irritation

ethanol:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 18 of 29

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

Components:

ammonium metavanadate:

Assessment : May cause respiratory irritation.

ammonium metavanadate:

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Components:

ethanol:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 13.000 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 19 of 29

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 12.340 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

EC10 (Chlorella vulgaris (Fresh water algae)): 11,5 mg/l
Exposure time: 72 h
Test Type: static test

Molybdenum(VI) oxide:

Toxicity to fish : (Pimephales promelas (fathead minnow)): 370 mg/l
Exposure time: 96 h
Remarks: No toxicity at the limit of solubility

ethyl acetate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 220 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 560 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (algae): 3.300 mg/l
Exposure time: 48 h

ammonium metavanadate:

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

2-butoxyethanol:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.490 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.800 mg/l
Exposure time: 48 h

methanol:

Toxicity to fish : LC50 (Fish): 28.200 mg/l
Exposure time: 96 h

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 20 of 29

Molybdenum(VI) oxide:

Toxicity to fish : (Pimephales promelas (fathead minnow)): 370 mg/l
Exposure time: 96 h
Remarks: No toxicity at the limit of solubility

ammonium metavanadate:

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

2-butoxyethanol:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.490 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.800 mg/l
Exposure time: 48 h

ethyl acetate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 220 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 560 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (algae): 3.300 mg/l
Exposure time: 48 h

propane-1,2-diol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 51.400 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): > 10.000 mg/l
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (algae): 19.000 mg/l
Exposure time: 96 h

ethanol:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 13.000 mg/l

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 21 of 29

Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 12.340 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

EC10 (Chlorella vulgaris (Fresh water algae)): 11,5 mg/l
Exposure time: 72 h
Test Type: static test

propane-1,2-diol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 51.400 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): > 10.000 mg/l
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (algae): 19.000 mg/l
Exposure time: 96 h

12.2 Persistence and degradability

Components:

ethanol:

Biodegradability : Test Type: aerobic
Result: Readily biodegradable.
Biodegradation: 97 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

ethanol:

Biodegradability : Test Type: aerobic
Result: Readily biodegradable.
Biodegradation: 97 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 22 of 29

12.3 Bioaccumulative potential

Components:

ethanol:

Bioaccumulation : Bioconcentration factor (BCF): 0,66
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: -0,35 (24 °C)
pH: 7,4
Method: OECD Test Guideline 107

ethyl acetate:

Partition coefficient: n-octanol/water : log Pow: 0,73 (20 °C)

2-butoxyethanol:

Partition coefficient: n-octanol/water : log Pow: 0,77 (20 °C)
pH: 7

methanol:

Partition coefficient: n-octanol/water : log Pow: -0,77

4-methylpentan-2-one:

Partition coefficient: n-octanol/water : Pow: 1,19

2-butoxyethanol:

Partition coefficient: n-octanol/water : log Pow: 0,77 (20 °C)
pH: 7

ethyl acetate:

Partition coefficient: n-octanol/water : log Pow: 0,73 (20 °C)

solvent naphtha (petroleum), light, aromatic:

Partition coefficient: n-octanol/water : log Pow: 3,42 - 3,9

ethanol:

Bioaccumulation : Bioconcentration factor (BCF): 0,66
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: -0,35 (24 °C)
pH: 7,4
Method: OECD Test Guideline 107

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 23 of 29

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Send to a licensed waste management company.
Dispose of wastes in an approved waste disposal facility.
Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

ADN : UN 1263

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 24 of 29

ADR : UN 1263

RID : UN 1263

IMDG : UN 1263

IATA : UN 1263

14.2 UN proper shipping name

ADN : PAINT RELATED MATERIAL

ADR : PAINT RELATED MATERIAL

RID : PAINT RELATED MATERIAL

IMDG : PAINT RELATED MATERIAL

IATA : Paint related material

14.3 Transport hazard class(es)

ADN : 3

ADR : 3

RID : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADN

Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Remarks : Special Provision 640C

ADR

Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)
Remarks : Special Provision 640C

RID

Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Remarks : Special Provision 640C

IMDG

Packing group : II
Labels : 3

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 25 of 29

EmS Code : F-E, S-E

IATA (Cargo)

Packing instruction (cargo aircraft) : 364
Packing instruction (LQ) : Y341
Packing group : II
Labels : 3

IATA (Passenger)

Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packing group : II
Labels : 3

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

- | | | |
|--|---|---|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Conditions of restriction for the following entries should be considered:
Number on list 3
methanol (Number on list 69) |
| International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors | : | Neither banned nor restricted |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | This product does not contain substances of very high concern |

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 26 of 29

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	(Regulation (EC) No 1907/2006 (REACH), Article 57). Neither banned nor restricted
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Neither banned nor restricted
UK REACH List of substances subject to authorisation (Annex XIV)	:	Neither banned nor restricted

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Volatile organic compounds (VOC) content: 42,98 %

Other regulations:

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

TCSI (Taiwan)	:	On the inventory, or in compliance with the inventory
EINECS (European Union)	:	On the inventory, or in compliance with the inventory
TSCA (United States)	:	All substances listed as active on the TSCA inventory
AIIIC (Australia)	:	All components are listed on the inventory, regulatory obligations/restrictions apply
DSL/NDSL (Canada)	:	This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL. polyaminoamide
ENCS (Japan)	:	On the inventory, or in compliance with the inventory
ISHL (Japan)	:	Not in compliance with the inventory
KECI (Korea)	:	On the inventory, or in compliance with the inventory
NZioC (New Zealand)	:	On the inventory, or in compliance with the inventory
PICCS (Philippines)	:	Not in compliance with the inventory
IECSC (China)	:	On the inventory, or in compliance with the inventory
SWISS (Switzerland)	:	On the inventory, or in compliance with the inventory

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 27 of 29

CICR (Turkey) : Not in compliance with the inventory

TECI (Thailand) : Not in compliance with the inventory

15.2 Chemical safety assessment

Not applicable

SECTION 16: Other information

Full text of H-Statements

H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H304 : May be fatal if swallowed and enters airways.
H311 : Toxic in contact with skin.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H319 : Causes serious eye irritation.
H331 : Toxic if inhaled.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H351 : Suspected of causing cancer.
H370 : Causes damage to organs.
EUH066 : Repeated exposure may cause skin dryness or cracking.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Asp. Tox. : Aspiration hazard
Carc. : Carcinogenicity
Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation
STOT SE : Specific target organ toxicity - single exposure
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2006/15/EC : Europe. Indicative occupational exposure limit values
2017/164/EU : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT : UK. Biological monitoring guidance values
2000/39/EC / TWA : Limit Value - eight hours
2000/39/EC / STEL : Short term exposure limit
2006/15/EC / TWA : Limit Value - eight hours
2017/164/EU / STEL : Short term exposure limit
2017/164/EU / TWA : Limit Value - eight hours
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000		GSLA_LMM-6000 Black Paste 250g	
Product specification	RS_FP_603463	Revision Date	18.11.2024
Version	6.0	Print Date	22.02.2025
Material number	1411218	Page	Page 28 of 29

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Flam. Liq. 2	H225
Eye Irrit. 2	H319
Carc. 2	H351
STOT SE 3	H335

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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.

SAFETY DATA SHEET

According to (EC) No. 1907/2006, as amended

LA LMM-6000

Product specification **RS_FP_603463**
Version **6.0**
Material number **1411218**

GSLA_LMM-6000 Black Paste 250g

Revision Date **18.11.2024**
Print Date **22.02.2025**
Page Page 29 of 29

GB / EN