

MATERIAL SAFETY DATA SHEET

According to EU Directive 2001/58/EC

1. Identification of the Material and Supplier

Product name:

GM 3000

Product use:

Surface Coatings

Supplier:

Husqvarna Belgium SA
ZI n° 2, Avenue des Artisans 50
7822 ATH
BELGIUM
Tel.:+32 68 251211

For emergencies:

Contact the Poison Information Centre

2. Composition/Information on Ingredients

Ingredients	Percent	CAS Number
-------------	---------	------------

Chemical nature: Water based dispersion of butadiene styrene copolymer

Hazardous Components: None according to EU directive 1999/45/EC

3. Hazards Identification

Critical hazards to man and environment

None according to EU directive 1999/45/EC

Risk phrases: None assigned

Safety phrases: None assigned

4. First Aid Measures

Inhalation

Remove to fresh air. In severe cases seek medical assistance.

Contact with skin

Prolonged contact may cause irritation. Remove contaminated clothing, including shoes. Wash with plenty of soap and water. Seek medical assistance if symptoms persist.

Contact with eyes

May cause temporary irritation. Irrigate with copious amounts of water for at least 15 minutes holding eyelid open. Seek immediate medical assistance.

Ingestion

May cause nausea. Seek immediate medical assistance. Do not induce vomiting.

First Aid Facilities

Eye wash fountains and safety showers should be easily accessible.

Advice to Doctor

Treat symptomatically.

5. Fire Fighting Measures**Suitable extinguishing media**

Water spray or fog, foam, carbon dioxide or dry chemical.

Specific Hazards

The product is water based and is not combustible. However, polymer will burn in a general fire once all the water has been driven off.

Special protective precautions and equipment for fire fighters

Wear self-contained breathing apparatus.

Precautions in connection with fire

Water spray may be used to keep fire exposed containers cool.

6. Accidental Release Measures**Emergency procedures**

Wear appropriate protection equipment to minimize skin and eye exposure.

Prevent product entering soil, streams, rivers or water courses. Do not flush down drains and sewers.

Small spillages should be absorbed on inert absorbent. Large spillages should be contained and pumped into a suitable vessel.

7. Handling and Storage**Precautions for safe handling**

Observe good housekeeping practice. Keep workplace well ventilated. Do not eat, drink or smoke when handling product.

Conditions for safe storage, including any compatibilities

Store in a cool area to prolong storage life. Store between 5°C and 35°C. Protect from frost and direct sunlight. Keep containers closed when not in use. Do not use storage vessels or pipework made of aluminium, copper or their alloys. Bulk tanks should be regularly cleaned and sterilised.

8. Exposure Controls / Personal Protection**General protective measures**

This product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying. Avoid inhaling these fumes.

Components with workplace parameters

None according to EU directive 199/45/EC

Engineering Controls

Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction or local exhaust ventilation system is recommended.

Personal protective equipment

Respiratory protection:

If spraying product without local exhaust ventilation, wear respiratory protection.

Eye protection:

Use chemical safety glasses or goggles.

Hand protection:

Impermeable gloves recommended.

Body Protection:

In case of severe splashing wear waterproof overalls and boots. Wash with soap and water after handling.

Hygiene Measures:

Do not eat, drink or smoke when handling product.

9. Physical and Chemical Properties

Appearance (colour, physical form, shape):	White Liquid
Odour:	Faint aromatic
Solubility:	Insoluble but miscible in all proportions
pH Value:	9 – 11
Vapour pressure:	23 hPa @ 20°C
Relative density:	0.9 – 1.1
Boiling point:	Not available
Flash point:	Not applicable
Flammability Limits:	No data
Viscosity:	100-1000 mPa.s

10. Stability and Reactivity

Chemical stability:	Stable under recommended storage conditions
Incompatible materials:	No incompatible materials. To avoid strong acids and oxidizing agents
Hazardous decomposition:	Hazardous decomposition products may include carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.

11. Toxicological Information

Toxicology Information:	No toxicity data are available for this material. Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.
Inhalation:	Avoid inhalation of vapours or spray mists.
Ingestion:	May cause nausea and vomiting.
Skin:	May cause mild irritation. Prolonged or repeated contact may cause irritation.
Eye:	Eye contact may cause temporary irritation.

Chronic Effects: No information available.

12. Ecological Information

Degradation/elimination :

DOC elimination after 2 days (OECD302B): 98 %

The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge.

Bioaccumulation :

No evidence for bioaccumulation.

Ecotoxic effects :

The product is not classified as Dangerous for the Environment.

13. Disposal Considerations

Disposal methods and containers:

Waste product should not be discharged directly into drains or waterways without treatment.

Dispose of product and container should be in accordance with Local, State and Federal regulations.

Waste water containing product should be treated in a separation and biological treatment plant.

EU Waste code number:

No Waste Code Number available

14. Transport Information

Not classified as dangerous goods

Proper Shipping Name: None Allocated

15. Regulatory Information

Labelling according to EU directive 1999/45/EC:

Symbol Not subject to labelling.

Water hazard class : WGK 1, VwVwS 4

16. Other Information

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

Information sources

Current legislation at the time of the revision and technical documentation from the raw material supplier.

Text of R-phrases from Section 2 : None