

Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 27.02.2012

Version: 4.2

Product: **EXPUNGE & EXPUNGE PLUS**

(ID no. 30516345/SDS_GEN_EU/EN)

Date of print 08.05.2013

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

EXPUNGE & EXPUNGE PLUS

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

Recommended use: Open cell foam blocks for the production of cleaning appliances or industrial processing only

Details of the supplier of the safety data sheet

Manufactured for:

HOSPECO

26301 Curtiss Wright Parkway

Richmond Heights, OH 44143

Telephone: 800-321-9832 (Information)

Web: www.hospeco.com

Emergency telephone number

Telephone: 800-255-3924 (Chem-Tel)

2. Hazards Identification

Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Directive 67/548/EEC or 1999/45/EC

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EEC Directives

The product does not require a hazard warning label in accordance with EC Directives.

Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:

No particular hazards known.

Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/Information on Ingredients Mixtures

Chemical nature

Polymer based on: melamine resin

4. First-Aid Measures

Description of first aid measures

Remove contaminated clothing.

If inhaled:

No hazards anticipated. If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water. Consult a doctor if skin irritation persists.

On contact with eyes:

If difficulties occur: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If symptoms persist, seek medical advice.

On ingestion:

Rinse mouth and then drink plenty of water. If difficulties occur: Obtain medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

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Hazards: No hazard is expected under intended use and appropriate handling.

Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

water spray, foam, dry powder, carbon dioxide

Special hazards arising from the substance or mixture

carbon monoxide, Carbon dioxide, formaldehyde...%, fumes/smoke, carbon black, toxic gases/vapours

Formation of further decomposition and oxidation products depends upon the fire conditions.

Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid skin contact and inhalation of dust/aerosol.

Environmental precautions

Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7. Handling and Storage

Precautions for safe handling

Protect against moisture. Avoid dust formation. Processing machines must be fitted with local exhaust ventilation. Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:

No special precautions necessary.

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Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Protect against moisture.

Storage stability:

May be kept indefinitely if stored properly.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

The limit values will not be achieved if the product is processed proper and suitable ventilation is provided.

50-00-0: formaldehyde...%

Exposure controls

Personal protective equipment

Respiratory protection:

Breathing protection if dusts are formed. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

Hand protection:

Protective gloves against mechanical risks (EN 388)

Eye protection:

Required when there is a risk of eye contact., Safety glasses

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures

No special measures necessary if stored and handled correctly. Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form: blocks, sheets, foam material

Colour: white

Odour: odourless

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Odour threshold: not determined
pH value: not applicable
Melting point: The substance / product decomposes therefore not determined.
Boiling range: The substance / product decomposes therefore not determined.
Flash point: The substance / product decomposes therefore not determined.
Evaporation rate: not applicable, The product is a non-volatile solid.
Flammability: not highly flammable
Lower explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Ignition temperature: > 580 °C (ASTM D1929)
Vapour pressure: not applicable
Density: approx. 4 - 12 g/l
(20 °C, 1,013 hPa)
Relative density: approx. 0.004 - 0.012
(20 °C, 1,013 hPa)
Relative vapour density (air): not applicable, The product is a non-volatile solid.
Solubility in water: not soluble
(20 °C, 1,013 hPa)
Self ignition: not self-igniting
Thermal decomposition: > 350 °C
Explosion hazard: not explosive
Fire promoting properties: not fire-propagating

Other information

Classification of reaction to fire: B1 (DIN 4102-1)

Bulk density: not applicable

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Other Information:

The product can absorb up to 100 times its own weight of liquid.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid humidity.

Incompatible materials

Substances to avoid: strong acids, strong oxidizing agents, Halogens/ halogenation agents

Hazardous decomposition products

Possible decomposition products:

At prolonged and/or strong thermal stressing above the decomposition temperature dangerous decomposition products can be formed.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg

Irritation

Assessment of irritating effects:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant

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Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential. A sensitizing effect on particularly sensitive individuals cannot be excluded.

Germ cell mutagenicity

Assessment of mutagenicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Carcinogenicity

Assessment of carcinogenicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. There is no formation of respirable dust during intended uses. However, if dust formation occurs at processing/finishing processing steps like regranulation, mechanical machining (for example drilling, grinding etc.), occupational protection regulations have to be considered.

Reproductive toxicity

Assessment of reproduction toxicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.
The product has not been tested. The statement has been derived from the structure of the product.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

The polymer component of the product is poorly biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.
In accordance with the required stability the product is not readily biodegradable. The product has not been tested. The statement has been derived from the structure of the product.

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Bioaccumulative potential

Bioaccumulation potential:

Because of the product's consistency and low water solubility, bioavailability is improbable.

Mobility in soil (and other compartments if available)

Assessment transport between environmental compartments:

Study scientifically not justified.

Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative).

Additional information

Add. remarks environm. fate & pathway:

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

13. Disposal Considerations

Waste treatment methods

Check for possible recycling.
Observe national and local legal requirements.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
Completely emptied packagings can be given for recycling.

14. Transport Information

Land transport

ADR Not classified as a dangerous good under transport regulations

RID Not classified as a dangerous good under transport regulations

Inland waterway transport

AND Not classified as a dangerous good under transport regulations

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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

15. Regulatory Information

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

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Chemical Safety Assessment

A safety data sheet for this product is legally not required and is provided by us just as a courtesy to our customers.

Product is not classified as hazardous.

Chemical Safety Assessment not required

16. Other Information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'. The product does not contain recycled material.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data does not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.