

## HEALTH AND SAFETY DATA SHEET (Revised June 2013)

### 1 PRODUCT: IMPACT XP

**USE:** A water based acrylic coating for application to natural grass.

### 2 HAZARD IDENTIFICATION:

The product is not classified as dangerous according to the CHIP Regulations. Also refer to section 11.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS:

Substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are Assigned Workplace Exposure Limits.

Name	EC No	CAS No	Conc. Range	Symbol*	R-Phrases*
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The product does not contain any substances presenting a hazard within the meaning of the CHIP Regulations.

\*For full text see section 16

### 4 FIRST AID MEASURES:

**General:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** NOT APPLICABLE

**Skin Contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognised skin cleaner.

DO NOT USE SOLVENT OR THINNERS.

**Eye Contact:** Remove contact lenses. Irrigate copiously with clean fresh water, holding the eyelids apart and seek medical advice.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

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DK – 7100 Vejle

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## 5 FIRE FIGHTING MEASURES:

The liquid products are 'non-flammable'

**Extinguishing Media:** Recommended: Alcohol resistant foam, CO<sub>2</sub>, powder, water spray / mist.

**Not to be used:** water jet.

Recommendations: Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.

## 6 ACCIDENTAL RELEASE MEASURES:

Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid use of solvents. If the product enters drains, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environmental agency.

## 7 HANDLING AND STORAGE:

**HANDLING:** Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in storage and use areas. For Occupational Exposure Controls measures see section 8. Keep the container tightly closed. Never use pressure to empty, the container is not a pressure vessel.

The Manual Handling Operations Regulations may apply to the handling of containers / packages of this product. To assist employers the following method of calculating the weight of any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the product in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

**STORAGE:** Observe label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep out of reach of children. Store separately from oxidising agents and strong alkaline and strongly acidic materials. Containers which are opened should be properly resealed and kept upright to prevent leakage.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION:

**OCCUPATIONAL EXPOSURE CONTROLS;** All Personal Protective Equipment, including Respiratory Protective Equipment, used to control exposure to hazardous substances must be selected to meet the requirements of COSHH regulations.

**RESPIRATORY PROTECTION:** If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn. Dry sanding of the dry film will give rise to dust and / or hazardous fumes.

**HAND PROTECTION:** When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

**EYE PROTECTION:** Eye protection designed to protect against liquid splashes should be worn.

**SKIN PROTECTION:** Cotton or cotton / synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. Regular skin inspection of users of this product is recommended.

ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.

## 9 PHYSICAL AND CHEMICAL PROPERTIES:

Physical state. Pigmented semi-viscous liquid

Flash point.

>100°C

Specific gravity.

1.21-1.30 @ 20°C

Solubility in water.

Miscible

pH.

7-9

Boiling point.

100°C

VOC Directive 2004/42/CE

Class A.A. Max VOC 10g/l

## 10 STABILITY AND REACTIVITY:

Stable under the recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction.

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## 11 TOXICOLOGICAL INFORMATION:

There is no data on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components for short and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 2 and 15 for details of the resulting hazard classification. Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis.

## 12 ECOLOGICAL INFORMATION:

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses or deposited where it can affect ground or surface waters. The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

## 13 DISPOSAL CONSIDERATIONS:

**GENERAL:** Traces of product can be cleaned up with hot water and detergent – residues in the packaging may also be cleaned with hot water and detergent.

**STATUTORY PROVISIONS:** There are no statutory requirements applicable to the product, however, refer to Local Authority guidelines for disposal.

## 14 TRANSPORT INFORMATION:

**TRANSPORT WITHIN THE USERS PREMISES:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**ONWARDS TRANSPORT SUBSEQUENT TO PURCHASE:** Transport to be in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air.

**Proper shipping name:** The product is not classified as dangerous for carriage.

**UN Number:**

**Hazard class:**

**Packing Group;**

**Sub-hazard class:**

## 15 REGULATORY INFORMATION:

The product is determined as not being dangerous according to the CHIP regulations. However, the following precautions should be observed:-

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## S Phases

- S2 Keep out of the reach of children
- S23/42 Do not breathe vapour/spray, wear suitable respiratory protective equipment.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner.
- S51 Ensure good ventilation during application and drying.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations, apply to the use of this product at work.

## **16 OTHER INFORMATION:**

### **Symbols and text of the R phrases in section 3:-**

**Risk phrases:** NC Not Classified

The information contained in the Health and Safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. It provides guidance on health, safety and environmental aspects of the product and should not be considered as any guarantee of technical performance or suitability for particular applications.

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