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HEALTH AND SAFETY DATA SHEET

1. **PRODUCT:** Decorgrip Plus MS Polymer adhesive/sealant **PAGE:** 1 of 4

ISSUE: 2 **DATE:** 1.07.2012
USE: A moisture curing elastomeric adhesive/sealant for fixing and bonding without mechanical fastenings.

2. HAZARDS IDENTIFICATION

Not classified as dangerous according to the CHIP Regulations. Also refer to section 11.

Label Elements under CHIP:

Hazard Symbols: None

This product is not identified as a PBT or vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the CHIP Regulations or which are assigned Occupational Exposure Limit values:-

Name	CAS No.	Conc.Range	Symbol*	R-Phrases*
Trimethoxy(vinyl) silane	2768-02-7	1-4%	Xn	R10;R20

*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.

Skin Contact: Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS. If irritation persists, seek medical advice.

Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.

Ingestion: If accidentally swallowed obtain immediate medical attention. Wash out mouth with water. DO NOT induce vomiting.

Symptoms and effects

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Recommended: CO₂, alcohol resistant foam, powder, water spray/mist.

Not to be used:

Recommendations: As the products contain combustible organic components, 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

Exclude non-essential personnel. Avoid breathing vapours. 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. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes, the relevant Environment Agency.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Keep containers closed when not in use. Ensure good housekeeping and regular safe removal of waste materials.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres 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 the 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. Keep out of reach of children. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Provide adequate ventilation during application and drying. Where practicable this should be achieved by the use of local exhaust ventilation. If this is not sufficient to maintain concentration of solvent vapours below the relevant Occupational Exposure Limit, suitable respiratory protection must be worn (see 'Occupational Exposure Controls' below).

EXPOSURE LIMITS:

Substance	Occupational Exposure Limits				Notations
	8 hr TWA		15 min STEL(2)		
	ppm	mgm ⁻³	ppm	mgm ⁻³	

(1) Long-term exposure limit - 8 hour time weighted average.

(2) Short-term exposure limit - 15 mins time weighted average.

(S) Occupational Exposure Standard (OES)

(M) Maximum Exposure Limit (MEL)

(R) Recommended by suppliers

(A) Allocated limits by analogy with similar materials

(SK) Risk of absorption through unbroken skin

(Sen) Capable of causing sensitisation by inhalation

OEL's are taken from the current version of EH40, except those marked (R) or (A) which are assigned by the supplier of the substance.

OCCUPATIONAL EXPOSURE CONTROLS: All Personal Protective Equipment (ppe), including Respiratory Protective Equipment (rpe), used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

RESPIRATORY PROTECTION: Use only in well ventilated areas. In case of insufficient ventilation use respiratory protection with filter type A.

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

physical state	paste
odour	almost odourless
specific gravity	1.42-1.50 @ 20 °C
solubility in water	insoluble
pH	N. Applicable
Flash point	>100°C
VOC g/l	<30

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see section 7). Cures on exposure to moisture and small quantities of Methanol are released. In a fire, hazardous decomposition products such as smoke, carbon dioxide, carbon monoxide and oxides of nitrogen may be produced. Keep away from water and moisture until required for use.

11. TOXICOLOGICAL INFORMATION

There is no data available 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 from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 3 and 15 for details of the resulting hazard classification.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow to enter drains or water courses or be deposited where it can affect ground or surface waters.

The preparation has been assessed using CHIP regulations and is classified as 'Not dangerous for the environment'

Substance classified As DfE (1)	Mobility (2)	Persistence and Biodegradability (2)	Other adverse effects

(1) All substances listed in section 2 and classified as dangerous for the environment (DfE)

(2) Information taken from suppliers safety data sheet and relevant to impacts in the accidental release in storage, handling use and disposal.

The product has been assessed by the conventional method in CHIP and is not classified as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or water courses. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and the 'Environmental Protection Act'. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply.

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, 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 and REACH Regulations. However, the following precautions should be observed:

S Phrases

S2 Keep out of reach of children
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 recognized skin cleaner.
S51 Ensure good ventilation during application and while 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 2:

Xn Harmful
R10 Flammable
R20 Harmful by Inhalation

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the REACH Regulation (EC) No 1907/2006. The product should not be used for purposes other than those identified 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. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.