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Material Safety Data Sheet

Corroless

QUALITY PRODUCTS FOR PROFESSIONAL USE ONLY

HEALTH & SAFETY DATA MSDS/014/02.99
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SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Corroless Acrylic Safe

Intended Use: Rust Stabilising Air Drying Primer

Manufactured For:
The Easthill Group Dba/The Eastwood Company
263 Shoemaker Road
Pottstown,PA 19464
USA & Canada: 800-345-1178
Outside USA: 610-323-2200
Emergency contact: Chem-Trec: 800-424-9300

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the Chemicals (Hazardous Information and Packaging) Regulations 1994 or assigned occupational exposure limits.

Name	Concentration	Symbol Letter	R Phrases (*)
C_9-C_{10} Aromatic Hydrocarbon	19-20%	N	R51/53

(*) For full text see Section 16

SECTION 3. HAZARDS IDENTIFICATION

Flammable

This product does not require health hazard identification. However, care should be exercised in its use as indicated by the safety phrases (Section 15).

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SECTION 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:
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

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

Skin contact:
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.
Do NOT use solvents or thinners.

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

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media:

Recommended:	Alcohol resistant foam, CO_2, 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). Decomposition products may be hazardous 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 the fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing solvent vapours. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillage's 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.

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Clean preferably with a detergent; avoid the use of solvents.

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 Environment Agency.

SECTION 7. HANDLING AND STORAGE

Handling

Solvent vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of solvent vapour in air and avoid solvent concentrations higher than the occupational exposure limits.

Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of solvent vapour and spray mist.

Smoking, eating and drinking should be prohibited in areas of storage and use.

For personal protection, see Section 8.

Never use pressure to empty: the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular, safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards.

The product may charge electrostatically. Use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive.

The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

Storage

The storage and use of this product is subject to the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations. Up to 50 litres of such highly flammable liquids may be kept in a work room provided they are kept in a fireproof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural requirements of the regulations. Further guidance is contained in the UK HSE guidance note Storage of Flammable Liquids in Containers

Observe the label precautions. Store between 5°C / 41°F and 25°C / 77°F in a dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

The principles contained in the UK HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product. Store separately from oxidising agents and strongly alkaline and strongly acidic materials

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn. (see 'Personal protection' below)

Occupational Exposure Limits

	8hr TWA [1]		15 min STEL [2]		
Substance	ppm [4]	mg/m^{-3}	ppm [4]	mg/m^{-3}	Notations [3]
C_9-C_{10} Aromatic Hydrocarbon	50 (SUP)				

Notes

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

(2) Short term exposure limit - 15 minute reference period

(3) 'Sk' indicates a risk of absorption through the skin. 'Sen' indicates a respiratory sensitiser.

(4) 'OES' indicates an Occupational Exposure Standard; 'MEL' indicates a Maximum Exposure Limit

OEL's are taken from the current version of EH40, except those marked 'SUP', which are assigned by the supplier of the substance.

Personal Protection

All personal protection equipment, including respiratory protection equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory protection:

Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot reasonably be improved.

Hand protection:

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the 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.

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Skin protection:
Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	High Viscosity Liquid		
Flash Point::	28°C ± 2°C	method:	Pensky Martens Closed Cup
Viscosity:	260-280 g	method:	Stormer-Krebs
Specific Gravity:	1.28±0.02	method:	S.G Cup
Vapour Density:	> 1.0 (Heavier than air)		
Lower Explosion Limit:	0.6%		
Solubility in Water	Insoluble		

SECTION 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 monoxide, 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 exothermic reaction.

SECTION 11. TOXICOLOGICAL INFORMATION
Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.

SECTION 12. ECOLOGICAL INFORMATION
There is no data available for the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.
The product contains White Spirit and C_9-C_{10} Aromatic Hydrocarbon which are classified as a marine pollutants.

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SECTION 13. DISPOSAL CONSIDERATIONS

Do not allow to enter into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

(Using the information provided in this safety data sheet, advice should be obtained from the Environment Agency whether the special waste regulations apply)

SECTION 14. TRANSPORT INFORMATION

Transport within the user's 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 accident or spillage.

Transport details

Class	3 (Road and Rail) 3.3 (Sea)
Hazard	Flammable
Sub Hazard	None
Packing Group	III

Proper Shipping Name	Paint
U.N. No.	1263

Ensure drivers have adequate training

International road / rail transport

Chemical Name	Paint
Item No.	31c

Sea Transport

Marine Pollutant	Yes
EmS	3-05
MFAG	310

SECTION 15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging) Regulations (UK) as follows:

MAIN RISK: FLAMMABLE
SUB RISK: NONE

The following details must be included on the label:-

Contains :-

R10	Flammable
S2	Keep out of reach of children
S24/25	Avoid contact with skin and eyes
S51	Use only in well ventilated areas

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The information contained within this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act (UK) and the Control of Substances Hazardous to Health Regulations (UK) or equivalent apply to the use of this product at work.

SECTION 16 OTHER INFORMATION

Text of R Phrases listed in Section 2

R51/53	Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations (UK) as amended by CHIP 96.
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 the use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of 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 applications.

Further information and relevant advice can be found in:

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657) United Kingdom

(The Petroleum (Consolidation) Act 1928) United Kingdom

(The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 (SI 1972: 917)) United Kingdom

The Manual Handling Operations Regulations 1992 (SI 1992: 2793) United Kingdom

Storage of Flammable Liquids in Containers, HS(G)51 United Kingdom

Storage of Packaged Dangerous Substances, HS(G)71 United Kingdom

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992: 2839) United Kingdom