



MATERIAL SAFETY DATA SHEET

1. PRODUCT : Rob Guard Epoxy Zinc Chromate Primer

2. COMPOSITION / INFORMATION OF INGREDIENTS

Contains aromatic hydrocarbons, liquid epoxy resin, hardener and pigments.

CAS NO	:	Epoxy Resin	:	25085-99-8
	:	Hydrocarbon Solvent	:	13302-20-7

3. HAZARDS IDENTIFICATION OF THE PREPARATION

Highly inflammable.
Harmful by inhalation and contact with skin.
Irritating to skin.
Irritating to respiratory system

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 recovery position and seek medical advice.

Eye Contact:

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 recognised skin cleanser. **DO NOT** use solvents or thinners.

Ingestion:

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



5. FIRE FIGHTING MEASURES

Extinguishing media:

Recommended : Alcohol resistant foam, CO₂, powders, waterspary.

Not to be used : Waterjet.

Recommendations:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water .Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Section 7 & 8. Contain and collect spillage with non-combustible adsorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or water courses. If the product contaminates lakes, river or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Handling:

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentration 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.

Preparation may charge electrostatically : always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and floors should be of the conducting type.

Keep container tightly closed. Isolate from sources of heat, sparks & open flame. No sparking tools should be use.

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

Smoking, eating and drinking sholud be prohibited in application area.



For personnel protection see Section. 8.

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

Always keep in containers of same material as the original one.

Comply with the health and safety at works laws.

Storage:

Store in accordance with local rules and legislation.

Observe label precautions.

Store in a dry, well ventilated place away from sources of ignition. Keep away from oxidising agents, from strongly alkaline and strongly acid materials. No smoking. Prevent unauthorised access. Containers, which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

Engineering Measures:

Provide adequate ventilation. Where reasonably practicable this should be achieved by use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

As per Product Data Sheet.

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions. (See section 7).

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.



11. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses.

Waste and emptied containers should be disposed of according to the local rules and legislation.

12. REGULATORY INFORMATION

In accordance with the Dangerous Preparation Directive 88/379/EEC the product is labeled as follows:

Danger Classification :

F Highly flammable

Xn Harmful

13. TRANSPORT INFORMATION

International Transport Regulations

UN Number : 1866

Land – Road / Railway:

Proper Shipping Name : Epoxy Paint

ADR / RID Class : 3

Packing Group : III

Hazard Identification Number : 30 – 1866

Sea Transport:

Proper Shipping Name : Epoxy paint

IMDG Class : 3.3

Marine Pollutant : Not Pollutant

Air Transport:

Proper shipping name : Epoxy paint based on Flammable liquid

UN / ID NO: : 1866

IATA – DRG Class : 3

14. REGULATORY INFORMATION

Eu Regulations : Contains Xylene

Hazard Symbol : Xn, Risk Phrase:R10 Flammable

Safety Phrases : S 25 – Avoid contact with eyes.