

MATERIAL SAFETY DATA SHEET

PRODUCT NAME AND CODE : ROB G.P. THINNER

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name : ROB G.P. THINNER

Intended Use : Cleaning & paint thinning compound.

Name of company
Address
Telephone
Telefax

} **As above**

2. COMPOSITION / INFORMATION OF INGREDIENTS

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Names				
CAS – No.	Conc.range		Symbol	R-phrases(*)
Aromatic Hydrocarbon				
1330-20-7	15.00 - 20.00%		Xn	20
108-88-3	55.00 - 45.00%		Xn	20

3. HAZARDS IDENTIFICATION

Highly inflammable.
Harmful by inhalation & in contact with skin.
Irritating to skin.

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 & at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position & seek medical advice.

Eye contact:

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart & seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap & 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 & ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 7 & 8. Contain & collect spillage with non-combustible adsorbent materials, eg. Sand, earth, vermiculite, diatomaceous earth & place in container for disposal according to local 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

contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Handling:

Vapours are heavier than air & 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 & 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 & floors should be of the conducting type.

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

Avoid skin & eye contact. Avoid inhalation of vapour & spray mist.

Smoking, eating & drinking should 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 & safety at work laws.

Storage:

Store in accordance with local rules & legislation.

Observe label precautions.

Store between 5 & 30°C in a dry, well ventilated place away from sources of ignition. Keep away from oxidising agents, from strongly alkaline & strongly acid materials. No smoking. Prevent unauthorized access. Containers, which are opened must be carefully resealed & kept upright to prevent leakage.

8. EXPOSURE CONTROL/PERSONNEL PROTECTION

Engineering Measures:

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

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

PERSONNEL PROTECTION:

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand Protection:

For prolonged or repeated contact, wear suitable gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye Protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

Personnel should wear antistatic clothing made of natural fiber or high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Viscosity at 20°C	:	14 sec. by Fordcup B4
Specific Gravity at 20°C	:	0.85 + 0.05
		-
Vapour density	:	Heavier than air
Lower explosion limit	:	1.00 Vol %
Solubility in water	:	not miscible with water

10. STABILITY AND REACTIVITY

Stable under recommended storage & handling conditions.(see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, smoke, oxides of nitrogen. Keep away from oxidising

agents, strongly alkaline & strongly acid materials in order to avoid exothermic reactions.

11. TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself.

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane & respiratory system irritation & adverse effect on kidney, liver & central nervous system. Symptoms & signs include headache, dizziness, fatigue, muscular weakness, drowsiness & in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis & absorption through the skin. The liquid splashed in the eyes may cause irritation & reversible damage.

12. ECOLOGICAL INFORMATION

There are no data available on the preparation itself.

The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses.

Wastes emptied containers should be disposed of according to the local rules & legislation.

14. TRANSPORT INFORMATION

Transport only in accordance with ADR for road, RID for rail, IMDG for sea & ICAO/IATA for air transport.

ADR/RID:

Class: 3 **item :** 3b **label :** 3

IMDG:

Class: 3.2 **UN-No:** 1993 **label :** Fla.L

Proper shipping name:

FLAMMABLE LIQUID, N.O.S.

Marine pollutant : No

Ems : 3-07 **MFAG :** 300



ICAO/IATA

Class : 3 UN-Nr: 1993 Label : Fla.L

Proper shipping name:

FLAMMABLE LIQUID, N.O.S.

Packing group: II

15. REGULATORY INFORMATION

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

Danger Classification:

F Highly flammable

Xn Harmful

Contains:

Aromatic Hydrocarbons, Alcohols, Ketones.

R phrases:

Highly inflammable.

Harmful by inhalation & in contact with skin.

Irritating to Skin.

S phrases:

Wear suitable protective clothing & gloves.

Use only in well ventilated areas.

Keep away of sources of ignition – No smoking.

Take precautionary measures against static discharges.

Further informations:

16. OTHER INFORMATION

Full text of R phrases with no. appearing in section 2.

20 Harmful by inhalation

21 Harmful in contact with skin.

The information of this MSDS is based on the present state of our knowledge & on current EEC & national laws. As the users' working conditions are beyond our knowledge & control, the product is not to be used for other purpose than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules &



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NATIONAL PAINTS FACTORIES CO. W.L.L.



legislation. The information in this MSDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the products' properties.

