

ORIGINATED : 05/01/1995

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name : Multisol
Product Code : MS 101
Use/Description of Product : Panel Preparation Solvent for removal of adhesives and Silicone.
Company Name : Rotec Industries
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients :

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
XYLENE, MIXTURE OF ISOMERS.	215-535-7	1330-20-7	70 – 80	Xn,	20/21-38-6

3. HAZARD IDENTIFICATION

Classifications : Xn – Harmful, F+ - Extremely Flammable
Risk Phrases : Extremely Flammable – Harmful by inhalation and in contact with Skin – Irritating to the skin.
Main Hazard Overview :
Prolonged or repeated exposure to products containing refined mineral oil or HBPF distillates may result in dermatitis unless good personal hygiene is used. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 deg C. do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

4. FIRST AID MEASURES (SYMPTOMS) part 1

Skin Contact : There may be irritation at the site of contact.
Eye Contact : There may be irritation and/or redness.
Ingestion : There may be irritation of the throat. There may be vomiting.
Inhalation : There may be irritation of the throat. There may be vomiting.

4. FIRST AID MEASURES (ACTIONS) part 2

General :
In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
Skin Contact :
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
Eye Contact :
Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advise.
Ingestion :
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting. Show medical personnel a copy of this SDS.
Inhalation :

Remove casualty from exposure ensuring one's own safety as well. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious, and breathing is correct, place in the recovery position. If conscious, ensure the casualty sits or lies down. Give nothing by mouth. Seek medical advise.

5. FIRE-FIGHTING MEASURES

Extinguishing Media : Carbon Dioxide, Dry powder, Halogenated Hydrocarbons, Sand, foam. DO NOT USE WATER.

Protection of Fire-fighters :

Fire will produce dense black smoke, obnoxious and toxic fumes, containing hazardous products of combustion (See section 10). Decomposition products may be a hazard to health.

Appropriate self contained breathing apparatus may be required.

Cool closed containers exposed to fire with a water spray. Vapour may form explosive mixture with air.

Do NOT allow run off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions :

Exclude sources of ignition and ventilate area, avoid breathing the vapour. Refer to section 8 of SDS for personal protection details.

Environmental Precautions :

Do not allow large quantities to enter drains or water Courses. If this happens contact Local Water Company or In the case of rivers, the Local Rivers Authority.

Clean-up Procedures :

Contain and collect spillage with non combustible absorbent materials., e.g., sand or earth and place in suitable Container for disposal in accordance with waste regulations

7. HANDLING AND STORAGE

Handling requirements :

Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Ensure adequate Ventilation. Use non-sparking tools and exclude sources of heat, sparks and flames. Avoid skin and eye contact. For personal protection see section 8 of the SDS. Good housekeeping and regular removal of waste materials will minimise risk.

Storage Conditions :

Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note; storage of flammable liquids in containers. Observe the label precautions. Store between 5 and 30 deg c in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. NO smoking. The principles contained in the HSE's guidance note; storage of packaged dangerous substances should be observed when storing this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients :

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
XYLENE,MIXTURE OF ISOMERS	100.00	441.00	50.00	220.00	Sk OES

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

Respiratory Protection

Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.

Hand Protection

Full physical protection is best. le PVC or Plastic material Gloves. Seek relevant advise from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

Eye protection

Eye protection or goggles designed to protect against liquid splashes should be worn.

Skin Protection

Cotton or cotton/synthetic overalls that give a measure of protection from chemicals.

Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Notes

Notations = Sk = risk of absorption through skin Sen – respiratory sensitizer Bmgv – Biological Monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 Table 3)

OES = Occupational Exposure Standard MEL = Maximum Exposure Limit

OEL's from EH40 (Revised annually) except where marked SUP which are assigned by the supplier of the substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Clear fast evaporating liquid, held in 1ltr EEC container
Colour	:	Clear colourless
Odour	:	pronounced Solvent Smell
Evaporation Rate	:	No data available
Solubility in Water	:	IMMISCIBLE
Flash Point C	:	-20 deg C
Specific Gravity	:	0.780 grams / cc method Hydrometer

10. STABILITY AND REACTIVITY

Stability :
Stable under normal conditions. see 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 acid materials to prevent the possibility of an exothermic reaction.

11. TOXICOLOGICAL INFORMATION

Xylene: ORL Mus LD50 2119 mg/kg ORL Rat LD50 4300 mg/kg Scu Rat LD50 1700 mg/kg
There is no data available on the product itself. 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 eye may cause irritation and reversible local damage.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Effects	:	No data available
Organic Toxicity Effects	:	No data available
Persistence/Mobility	:	No data available
Bioaccumulation	:	No data available

Further information :
There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water. The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL INFORMATION

NB:
The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations.

14. TRANSPORT INFORMATION

Road/Rail :UN No..... 1307 Packing Group....N/A Class.....9
Designation.....Flammable Liquid

Sea :Packing Grp. <= 30 lts.....N/A Packing Grp. > 30 lts.....N/A Class.....9
Marine Pollutant.....No UN No.....1307 Pii
EMS.....2-13 MFAG.....260***
Main Risk.....FLAMMABLE IMDG PAGE No 9022
Shipping Name.....Flammable Liquid

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.



Classifications : Extremely Flammable Harmful

Contains : XYLENE MIXTURE OF ISOMERS

P Phrases :

Risk/Safety Phrases: Extremely flammable aerosol. Cause skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long term effects.
Avoid breathing vapour/spray. Wear protective gloves.
Use only outdoors or in a ventilated area.
IF ON SKIN: Wash with soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position
Comfortable for breathing. If exposed or concerned get medical advice or
attention. Avoid release to the environment.

Note : the regulatory information given above only indicates the principal regulations
Specifically applicable to the product described in the safety data sheet. The
user's attention is drawn to the possible existence of additional provisions
which complete these regulations. Refer to all applicable national,
international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk Phrases Listed in Section 2

R12 Extremely Flammable

R 38 Irritating to Skin.

R 20/21 Harmful by inhalation and in contact with Skin.

The information contained in this Safety Data Sheet is provided in accordance with the requirements of the Chemicals(Hazard Information & Packaging for Supply) Regulations 2002. The product should not be used for purposes other than those shown in section .1 without first referring to the supplier and obtaining new written instructions. As the specified conditions of use of the product are outside of the suppliers control, the user makes themselves responsible for ensuring that the relevant requirements and legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and known current national legislation. It provides guidance on health, safety and environmental aspects of the product and its typical values; it 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)

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

Storage of Flammable Liquids in Containers. HS (G) 51

Storage of Packaged Dangerous Substances. HS (G) 71

The Environmental Protection (Duty of Care) Regulations 1992 (S) 1988: 2839