

MATERIAL SAFETY DATA SHEET

DATE OF ISSUE : AUGUST , 2010

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY:

PRODUCT NAME:	DECODUCT DSG2
CHEMICAL NAME & FAMILY:	SOLVENT CEMENT FOR PVC PLASTIC PIPES; MIXTURE OF PVC RESIN AND ORGANIC SOLVENT
SUPPLIER	: INTERPLAST CO. LTD. P.O. BOX 4679 SHARJAH, U.A.E.
TELEPHONE NUMBER	: +971-6-5339090

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	%(W/W)	R-PHRASES
TETRAHYDROFURANE	<25	Xi, R36, R37
METHYLE ETHYLE KETONE	<25%	Xi, R36, R37
TOLUENE	>12.5%	Xn, R11, R20

3. HAZARDS IDENTIFICATION:

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.
Vapour may cause drowsiness.

4. FIRST AID MEASURES:

INHALATION:	Move the exposed person to fresh air at once. Get medical attention.
INGESTION:	DO NOT INDUCE VOMITTING. Get medical attention immediately.
SKIN:	Dry skin with paper towel or similar. DO NOT use solvents. Clean skin using resin removing cream or hand cleanser. Finally wash with soap and water.
EYES:	Rinse the eyes with water immediately. Get medical attention.

5. FIRE FIGHTING MEASURES:**EXTINGUISHING MEDIA:**

Stop flow of material to fire. Use sand or earth. Fire can be extinguished using foam powder. Do not use water.

HAZARDOUS COMBUSTION:

Fire or high temperature creates toxic gases/vapours/fumes. Carbon monoxide. Carbon dioxide.



6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate, absorb in vermiculite by sand or earth and place into containers. Pick up using spark proof tools and place in sealable metal containers pending disposal. Container to be labelled with contents description.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

This adhesive must be used in accordance with the requirements of Highly Flammable Liquids and Liquefied Petroleum Gases Regulation 1972. Keep away from heat, sparks and open flame. Avoid inhalation of vapours. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS:

Store in closed containers in a dry, ventilated place in the temperature range 3°C to 30°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

TECHNICAL MEASURES: (Read 7)

COMPONENT WITH CRITICAL VALUES THAT REQUIRE MONITORING AT WORK PLACE:

Component	Limit Value
Toluene	100ppm or 375 mg/m ³
Cyclohexanone	25ppm or 100mg/m ³
Methyl Ethyl Ketone	200ppm or 590 mg/m ³
Tetrahydrofurane	200ppm or 590 mg/m ³

9. PERSONAL PROTECTIVE EQUIPMENT:

Respiratory protection :	Recommended if adequate ventilation not possible
Protection of hands:	Protective gloves
Eye protection:	Tightly sealed protective goggles



10. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Thixotropic liquid
COLOUR:	Colourless
ODOUR:	Characteristic
BOILING POINT RANGE	65°C to 156°C
IGNITION TEMPERATURE:	215°C
FLASH POINT:	-21°C
VAPOUR PRESSURE:	173 mbar at 20°C
DENSITY:	0.93g ml at 23°C
SOLUBILITY IN WATER:	Not Soluble

11. STABILITY & REACTIVITY:

STABILITY :

Avoid temperatures above 30°C

MATERIALS TO AVOID:

Strong oxidizing agents. Flammable / comb material.

HAZARDOUS DECOMP, PRODUCTS :

Fire or high temperatures create : Toxic gases/vapours/fumes. Carbon monoxide (CO), Carbon dioxide. (CO₂)

12. TOXICOLOGICAL INFORMATION :

INHALATION :	Vapour may affect central nervous system & causes headache, discomfort, vomiting or intoxication. Unconsciousness.
INGESTION :	Nausea, vomiting, Pneumonia may be the result if vomited material containing solvent reaches the lungs.
SKIN :	Prolonged or repeated contact leads to dryness of skin.
EYES :	Irritating to eyes.
HEALTH WARNINGS :	Prolonged or repeated inhalation may cause liver and / or kidney damage.

13. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:

Contamination of both aquatic & terrestrial environment should be avoided. Once the solvent has evaporated there is no residual risk to the environment. The concentration solvent vapour in the atmosphere must meet limits set in the Environmental Protection Act.



14. DISPOSAL METHODS:

DISPOSAL METHODS:

Waste product comes within the scope of the Special Waste Regulations 1996.

Emptied containers and those containing scrape or split product should be re-sealed or re-sealed or re-lidded so that any vapour is confined to the container. They should be stored as full container.

Disposal must be in accordance with regulations by authorised company.

15. TRANSPORT INFORMATION:

ROAD TRANSPORT:-

UN NO ROAD : 1133
ADR CLASS NO: Class 3 : Flammable liquids
ADR ITEM NO : 50 (c)

SEA TRANSPORT :-

IMDG CLASS: 3.2
IMDG PACK : GR: III

16. REGULATORY INFORMATION:

RISK PHRASES:

R-11 Highly flammable.
R-36 Irritating to eyes.
R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapour may cause drowsiness & dizziness.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-16 Keep away from sources of ignition – No smoking.
S-33 Take precautionary measures against static discharges.
S-51 Use only in well-ventilated areas.
S-24/25 Avoid contact with skin & eyes.

17. OTHER INFORMATION:

USER NOTES :

This product should be used as directed by Interplast.
For further information consult the Product Data Sheet or contact Technical Services.

INFORMATION SOURCES :

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component raw materials.

REVISION COMMENTS :

This Safety Data Sheet supercedes all previous issues and users are cautioned to ensure it is current. Destroy all previous data sheets and if in doubt contact Interplast.

REVISION DATE :

August 2010
