

# MATERIAL SAFETY DATA SHEET

DATE OF ISSUE: MAY 2013

## 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

PVC resin solution with rheological additives

Component	Content (%)	R-Phrases	CAS No.	EINECS No
Cyclohexanone	1-10	F, Xn, R11, R20	108-94-1	203-631-1
Tetrahydrofuran	30-70	F, Xi, R11, R36, R37	109-99-9	203-726-8

## 3. HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapour may cause drowsiness. Breathing the vapour of the product for a long period can produce narcosis. Keep away from flames, sparks and fire.

## 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. Avoid inhaling fume. Use mask for protection of respiratory tract.

**6.ACCIDENTAL RELEASE MEASURES****Personal Safety:**

Use mask, gloves and protective clothing.

**Environmental Precaution:**

Limit the leakage with earth and sand. Eliminate all unguarded flame and possible source of ignition. Do not smoke.

**Cleaning Method:**

Absorb with liquid binding material and put it in a close container. Take it to dumping ground and dump according to local regulation.

**7. HANDLING & STORAGE****Handling:**

Ensure good ventilation. Keep away from source of ignition. Product should be handled in accordance with good industrial safety and hygiene practices.

**Storage:**

Sealed containers should be stored between 5°C and 38°C.

**8.EXPOSURE CONTROLS & PERSONAL PROTECTION****Exposure Control**

Skin absorption

Component	Std	PEL	LT (ppm)	LT(mg/m3)	ST(ppm)	ST(mg/m3)
Cyclohexanone	WEL	TWA	10		20	
Tetrahydrofuran	WEL	TWA	50	150	100	300

**Personal Protection**

Respiratory Industrial Mask, when applying.  
 Hand Industrial Gloves, if risk of skin contact.  
 Eye Industrial Goggles, if risk of splashing.  
 Skin Standard Industrial Overalls, if risk of splashing.

**9. PHYSICAL & CHEMICAL PROPERTIES**

Appearance Clear thin syrup liquid  
 Odour Organic solvent  
 Boiling Point 66-156°C  
 Flash Point Lower than 21°C  
 Water Solubility None  
 Density 0.93 kg/litre  
 Vapour Density (Air=1) >2  
 Vapour Pressure 129 mm Hg @ 20°C based on THF  
 Evaporation Rate (BUAC=1) >1  
 Percent Volatile by Volume 75-85%  
 Solubility Solvents=Soluble /Resin=Separates out  
 Flammable Units (percent By volume) 75-85%

#### 10. STABILITY & REACTIVITY

##### Conditions to avoid

Avoid accumulating electrostatic charge, heat sparks and flames.

##### Substance to avoid

Avoid contact with combustible materials and strong oxidising substances.

##### Hazardous decomposition products

May catch fire on contact with oxidising mineral acids.

#### 11. TOXOLOGICAL INFORMATION

##### Inhalation

Narcosis by breathing great quantities.

##### Ingestion

Harmful/Toxic

##### Skin/Eye Contact

Absorption through skin possible Irritant to eyes.

#### 12. ECOLOGICAL INFORMATION

##### Ecotoxicity

Not classified as dangerous to environment. Adopt sound working practices so that the product is not released into the environment.

Volatile Organic Compound (VOC) content is 420 grams/litre.

#### 13. DISPOSAL INFORMATION

Disposal of waste must be treated according to local or national regulations.

#### 14. TRANSPORT INFORMATION

Proper Shipping Name	Adhesives	Class No.	3
UN No.	1133	EAC	3YE
Hazard No. (ADR)	33	Packing Group (ADR)	III
ADR Class	3	Air IATA (DGR)	UN 113 class 3
Road/Rail (ADR/RID)	Class 3.5b		
Maritime Transport (IMDG)	Code n 1133 class	Marine Pollutant	No
HS Code	3 page 3174 350691009013		

## 15. REGULATORY INFORMATION

### Symbols/Labeling

Xi           Irritant  
F            Highly flammable

### Classification/Phrases

#### R-Phrases

R 11           Highly flammable  
R 19           May form explosive peroxides  
R 20           Harmful by inhalation  
R 36/37       Irritating to eyes and respiratory system.

#### S-Phrases

S 2           Keep out of the reach of children  
S 9           Keep container in well-ventilated place  
S 16          Keep away from sources of ignition-No smoking  
S 26          In case of contact with eyes, rinse immediately with plenty of water  
and seek medical advice.  
S 36/37/39   Wear suitable protective clothing, gloves and eye/face protection.  
  
S 46          If swallowed, seek medical advice immediately and show this  
container or label

## 16. OTHER INFORMATION

The information provided in this safety data sheet is based on the present state of our knowledge. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical data sheet for advice on specific applications.

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