

## Material Safety Data Sheet

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Issue Date: August, 2002

Product Name: (ULTRAGLIDE Marine –Topcoat Cleanup Solvent) X55 (MARKED)

Classified as Hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

Company Name New Ceramic Coatings Pty Ltd  
Address 11/50 Kalaroo rd Redhead NSW 2290 ACN 100315204  
Telephone **0417 200737**  
Tel/Fax 02 49477702

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### IDENTIFICATION

Product Code 00732  
Product Name X55 (MARKED) -(ULTRAGLIDE Marine –Topcoat Cleanup Solvent)  
Shipping Name (CSN) PETROLEUM DISTILLATES, N.O.S.  
UN Number 1268 DG Class 3 Packing Group 11  
Haschem Code 3 (Y) E Poisons Schedule S5  
Product Use Solvents for rubbers and adhesives

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### PHYSICAL DATA

Appearance WATER WHITE. Typical hydrocarbons liquid odour  
Melting Point Not available  
Boiling Point IBP: 47.00 °C  
FBP: 120.00 °C  
Vapour Pressure 34.50 kPa 15 °C  
Flash Point <-30° C  
Flamm. Limit LEL 1.00 v/v  
Flamm. Limit UEL 7.50 v/v  
Solubility in Water Insoluble.

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### OTHER PROPERTIES

Autoignition Temp. 280.00 °C  
Evaporation Rate 6.8  
Specific Gravity 0.68 @ 15 °C  
Vapor Density 3.90 @ 15 °C  
Stability Stable, under normal conditions of use.  
Has Polymerisation Will not occur  
Materials to Avoid Strong oxidizing agents.  
Formula Mixture  
Other Information  
Volatiles: 100.00%

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### INGREDIENTS

Ingredient Name	GAS	PROPERTIES
Solvent Naphtha, petroleum light aliphatic	64742-99-8	0-100.00 %
Hexane	110-54-3	0-12.00 %

#### Information on Composition

This product contains 20ppm. Mortrace MP. The benzene level is below 0.1 % and therefore, according to the criteria of Worksafe Australia, is not hazardous based upon this component.

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### HEALTH HAZARD INFORMATION

#### Health Effects

Acute - Ingestion

Harmful if swallowed. Tends to break into a foam if the patient vomits.

Aspiration into the lungs may lead to chemical pneumonitis

Acute - Eye

Mildly irritating to the eyes

Acute - Skin

Mildly irritating to skin

Acute - Inhalation

Harmful by inhalation. Inhalation may cause irritation to the respiratory system. Prolonged exposure to vapors may cause somnolence and narcosis

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**CHRONIC**

Repeated inhalation or dermal exposure to n-hexane can cause peripheral neuropathy in exposed individuals. Recovery is not immediate on cessation of exposure, and the effects may progress for 2 -3 months. Final recovery may take more than a year and may not necessarily be complete, depending on the severity of exposure. These effects are associated with n-hexane not the other hexane isomers.

Concurrent exposure to n-hexane and methyl ketone (MEK) will accelerate the onset of n-hexane induced nerve damage, although MEK alone will not cause such damage. Prolonged and repeated skin contact may cause dermatitis due to defatting effect.

**First Aid**

**Ingestion**

If swallowed, do NOT induce vomiting, give a glass of water and seek medical advice immediately.

**Eye**

Flood eyes with plenty of water for 20 minutes, holding eye lids open. If irritation occurs seek medical advice.

**Skin**

Soak contaminated clothing with water and then remove. Wash skin with soap and water.

**Inhalation**

Remove affected person from contaminated area and seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

**Advice to Doctor**

Extreme care must be used to prevent aspiration. Gastric lavage with a cuffed endotracheal tube to prevent further aspiration should be done.. In the absence of depression or convulsions, or impaired gag-reflux, Ipecac emesis can also be done without increasing the hazard of aspiration. When vomiting occurs, hold patient with head below the hips to prevent aspiration.

Other Health Hazard Information

Not available

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**PRECAUTIONS FOR USE**

Exposure Limits Name

STEL	TWA
Mg/m3 ppm	mg/m3 ppm TWA Footnote
	76 50

Hexane

**Other Exposure Info**

No Worksafe Exposure Standard established for this product. New Ceramic Coatings suggest an \* hr TWA occupational exposure limit of 200 ppm.

Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapors or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flame proof exhaust ventilation system is required. Refer to AS 1940 – The storage and handling of flammable and combustible liquids and AS 2430 – Explosive gas atmospheres for further information concerning ventilation requirements.

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**Personal Protection**

**Protective Equipment**

Avoid contact with the skin and eyes, and avoid breathing vapors or mists.

When exposure is likely, personal equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- 1 Eye Protection
- 2 PVC gloves
- 3 PVC apron and sleeves, or full PVC covering
- 4 PVC or rubber boots

Where high concentrations of vapor or mist are likely to occur, an appropriate selection from the following equipment is recommended.

- 1 Short elevated exposures, eg. spillage – goggles and correct respiratory protection should be worn. If airborne concentration levels are very high air supplied apparatus should be used.
- 2 For prolonged elevated exposures – Full face air supplied or self contained breathing apparatus should be worn.

**CONTAMINATION**

If contamination occurs, change clothing. Clothing wet with product should be soaked with water before removal to prevent the possibility of ignition by static electricity discharges. Launder contaminated clothing before reuse, and discard internally contaminated gloves and footwear. Observe good personal hygiene.

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**Flammability**

**Fire Hazard**

Product is Highly Flammable

Isolate from sources of heat, naked flames, sparks, and oxidizing materials. Take precautions against discharges of static electricity and bond all process equipment including tanks and drums. Ensure ventilation is adequate to prevent build up of explosive atmosphere.

Refer to AS 1940 – Storage and handling of flammable and combustible liquids and AS 2865 – Safe working in a combined space, for more specific information on these subjects.

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**SAFE HANDLING INFORMATION**

**Storage and Transport**

**Storage Precautions**

Store in a well ventilated place away from ignition sources, oxidizing agents foodstuffs and clothing. Keep containers closed when not in use. Take precautions against static electricity discharge.

**Transport**

This product is classified as a Class 3 (Flammable Liquid ) according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Dangerous Goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following

- Class 1
- Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3
- Class 4.2
- Class 5
- Class 6, if the Class 3 dangerous goods are nitromethane
- Class 7

**Storage Regulations**

This material is a **SCHEDULE (S5) POISON** and must be stored handled and used according to the Appropriate

**Regulations**

Shipping Name (CSN) PETROLEUM DISTILLATES, N.O.S.

**Spills and Leaks**

Wear appropriate personal protective equipment. Extinguish or remove all sources of ignition and stop leak if safe to do so. Contain the spill with sand or earth and take up with a vacuum truck or absorb with absorbent material, sand or earth. Keep away from heat, naked flames and sparks. Place used absorbent in suitable sealed containers and follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water – do not allow product to enter drains, sewers or water courses – inform the local authorities if this occurs.

**Disposal**

This material is suitable for disposal by high temperature incineration, the incinerator should be equipped with an after burner and scrubber. For further information contact your local waste management authority or the EPA

**Fire / Explosion Hazard**

**Fire / Explos. Hazard**

**Flammable liquid.** Keep storage tanks, pipelines, fire exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapor / air mixtures ignite explosively and flashback along the vapor trail may occur.

**Hazardous Combustion Products**

Combustion products include oxides of carbon.

**Fire Fighting Procedures**

Fire fighters to wear self – contained breathing apparatus (SCBA)) in confined spaces, or where products of combustion are suspected. Full protective clothing should also be worn.

**Extinguishing Media**

Use foam, CO2 or powder to extinguish fire

**Hazchem Code.** 3 (Y) E

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**OTHER INFORMATION**

**Toxicology**

Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing to a level at which no health risks are expected as a result of normal handling.

**Environmental Protection**

This material must not be allowed to enter drains, sewers or waterways for further information please refer to the SPILLS AND DISPOSAL section of the MSDS

**Risk Statement**

R20 Harmful by inhalation. R65 Harmful: may cause lung damage if swallowed.

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### **Safety Statement**

S9 Keep container in a well ventilated place. S16 Keep away from sources of ignition – No Smoking. S29 Do not empty into drains. S51 Use only in well ventilated areas. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. S24/25 Avoid contact with skin and eyes.

### **Hazard Category**

Harmful

### **References**

#### REFERENCES

For detailed advice on Personal Protective equipment, refer to the following

Australian Standards:-

HB 9 (Handbook 9)

Manual of industrial personal protection

AS1337

Eye protectors for industrial applications

AS1715

Selection, use and maintenance of respiratory protective devices

AS1716

Respiratory protective devices

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## **CONTACT POINT**

**National 24 hr Emergency Response :-**

**Issued by Manufacturer-Shell Australia 1800 651 818**