

# PRODUCT SAFETY DATA SHEET for D2128

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

<b>PRODUCT NAME</b>	JL182P VARNISH A09551 5842001
<b>INTENDED USE</b>	Stoving paint/lacquer for industrial use only. Application by spray when mixed with recommended thinner.
<b>SUPPLIER</b>	CARRS PAINTS WESTMINSTER WORKS ALVECHURCH ROAD BIRMINGHAM B31 3PG
<b>Emergency Tele</b>	0121 243 1122

## 2. COMPOSITION/INFORMATION OF INGREDIENTS

A mixture of resins, pigments, mineral extenders and organic solvents as required.

Substances presenting a Health or Environmental hazard within the meaning of the Chemicals (Hazard Information & Packaging) Regulations 1994 as amended.

Substance Name	CAS No.	EINECS No.	%age Range	Symbol letter	Risk Phrases*
XYLENE, MIXTURE OF ISOMERS	1330-20-7	215-535-7	20 - 30	Xn,Xi	20/21-38
N-BUTANOL	71-36-3	200-751-6	20 - 30	Xn,Xi	22-37/38-41-67

**Symbols Key** T+ - Very Toxic T - Toxic Xn - Harmful C - Corrosive Xi - Irritant N - Environmental  
\* for full text of Risk Phrases see Section 16 'Other Information'

## 3. HAZARDS IDENTIFICATION

### Hazard Symbols



Xn - Harmful



Irritant to Skin

### Risk Phrases

Flammable  
Harmful if swallowed  
Risk of serious damage to eyes.  
Harmful by inhalation, in contact with skin and may cause lung damage if swallowed  
Irritating to eyes, respiratory system and skin.

### OTHER INFORMATION

Inhalation of vapours from this product can cause narcosis and, with continued exposure above the OEL, possible long term effects.

## 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 warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

### EYE CONTACT

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart, seek medical advice.

### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. 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** Carbon dioxide, Dry Powder, Sand, Foam.

**NOT TO BE USED** Water.

### **SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL**

Fire will produce dense black smoke 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. Do not allow run off from fire fighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 7&8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations Do not allow to enter drains or water courses. If it does the local water company should be contacted immediately, in case of contamination of streams rivers or lakes the Environmental Agency. Clean preferably with a detergent, avoid use of solvents.

## 7. STORAGE & HANDLING

### **Storage**

Store in accordance with the HSE Guidance note "Storage of Flammable Liquids in Containers" HS(G) 51. Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline or acid materials. The store room should be marked "Flashpoint below 32°C" in accordance with "The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 S.I. No 917 (1972) Sections 5 and 6.

### **Handling**

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concs higher than the OEL. Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools & exclude sources of heat, sparks and flames. Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Avoid skin & eye contact. For personal protection see Sect.8. Good housekeeping, regular maintenance of spray booth filters, and regular removal of waste materials will minimise risks. The product may charge electrostatically, Use earthing leads when transferring from one container to another. Wear anti-static footwear and clothing & floors should be electrically conductive. The accumulation of contaminated rags and dry overspray, particularly in spray booth filters may result in spontaneous combustion

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Limits**

Substance Name	8hr LTEL		15min STEL		Notation
	ppm	mg/m3	ppm	mg/m3	
XYLENE, MIXTURE OF ISOMERS OEL's are XYLOL	100	435		650	Sk, OES
N-BUTANOL OEL's are ISO-BUTANOL				154	Sk, OES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer.

Notations = SK - Risk of absorption through skin SEN - Respiratory Sensitiser Bmgv - Biological Monitoring may be

appropriate (see Biological Monitoring Guidance Value in EH40 Table 3)

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

### **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.

### **General Protection**

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

### **Respiratory Protection**

Air fed respiratory equipment should be worn when spraying if levels cannot be controlled below OELs and engineering methods cannot be reasonably improved.

### **Hand Protection**

Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

### **Eye Protection**

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

### **Skin Protection**

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

## **9. PHYSICAL & CHEMICAL PROPERTIES**

### **PHYSICAL STATE**

Liquid

### **FLASH POINT**

=> 21°C & < 32°C Method: Equilibrium Method to ISO 1516 & ISO 3680

### **SPECIFIC GRAVITY**

.985 Method: Calculation

### **VAPOUR DENSITY**

HEAVIER than Air

### **V.O.C. CONTENT**

0.506Kgs/lit.

### **LOWER EXPLOSION LIMIT**

0.8% vol

### **SOLUBILITY IN WATER**

PARTIALLY MISCIBLE

## **10. STABILITY & REACTIVITY**

Stable under the recommended storage & handling conditions (see Sect.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**

There is no data available on the product itself. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases unconsciousness. Splashes in the eyes may cause irritation and reversible local damage. 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**

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

## 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

## 14. TRANSPORT INFORMATION

### Road/Rail

<b>UN No.</b>	1263
<b>Packing Group</b>	III
<b>Class</b>	3.3
<b>Designation</b>	PAINT

### Sea

<b>UN No.</b>	1263
<b>Class</b>	3.3
<b>Packing Grp.&lt;=30lts</b>	III
<b>Packing Grp.&gt;30lts</b>	III
<b>Marine Pollutant</b>	No
<b>Main Risk</b>	Flammability
<b>Sub Risk</b>	Narcosis
<b>Shipping Name</b>	PAINT

### Air

<b>UN/IATA ID Number</b>	1263
<b>Class</b>	3.3
<b>Packing Grp.&lt;=30lts</b>	III
<b>Packing Grp.&gt;30lts</b>	III
<b>Main Risk</b>	Flammability
<b>Sub Risk</b>	Narcosis
<b>Shipping Name</b>	PAINT

### International Road/Rail

<b>Item Number</b>	31.C
<b>Class</b>	3
<b>UN No.</b>	1263
<b>Packing Group</b>	III
<b>Main Risk</b>	Flammability
<b>Sub Risk</b>	Narcosis
<b>Shipping Name</b>	PAINT

## 15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

### **Classification**



Xn - Harmful

### **Contains**

XYLENE, MIXTURE OF ISOMERS

	N-BUTANOL
<b>Risk Phrases</b>	R10: Flammable R22: Harmful if swallowed R41: Risk of serious damage to eyes. R20/21/65: Harmful by inhalation, in contact with skin and may cause lung damage if swallowed R36/37/38: Irritating to eyes, respiratory system and skin.
<b>Safety Phrases</b>	S13: Keep away from food, drink and animal feeding stuffs S16: Keep away from sources of ignition - No smoking S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S28: After contact with skin, wash immediately with plenty of water. S29: Do not empty into drains S43: In case of fire do not use water. S7/9: Keep container tightly closed and in a well ventilated place S24/25: Avoid contact with skin and eyes. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
<b>'P' Phrases</b>	Do not breathe Vapour or Spray FOR USE IN INDUSTRIAL INSTALLATIONS ONLY

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

## 16. OTHER INFORMATION

<b>Text of any Risk Phrases listed in Section 2</b>	R20/21	Harmful by inhalation and in contact with skin
	R22	Harmful if swallowed
	R37/38	Irritating to respiratory system and skin.
	R38	Irritating to the skin
	R41	Risk of serious damage to eyes.
	R67	Vapours may cause drowsiness and dizziness

**Date of Origination**  
**Date of last revision** 12/08/05

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control the user is responsible for ensuring that the requirements of relevant legislation are complied with. TP-06

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and 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 1994 (SI 1994: 3246)

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 (SI 1988: 2839)