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		Revision nr : 1
		Date : 21/9/2006
		Supersedes : 0/0/0
<b>OH CONSOLIDATION</b>		<b>56</b>

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

**Company identification** : tensid uk ltd  
Aquila House,70A Wheatash Road  
Addlestone  
Surrey KT15 2ES United Kingdom  
Tel. 01932 564133

**Product code** : 56

**Trade name** : OH CONSOLIDATION.

**Use** : Industrial.

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS no	EC no	EC index	Classification
Tetraethyl silicate	: 30 to 60 %	78-10-4	201-083-8	014-005-00-0	R10 Xn; R20 Xi; R36/37
Di-n-butyltindilaurate	: 1 to 5 %	77-58-7	-----	-----	Xn; R20/21/22 R52-53

## 3 HAZARDS IDENTIFICATION

**Main hazards** : Harmful by inhalation. Irritating to eyes and respiratory system. Flammable.

## 4 FIRST AID MEASURES

- **Inhalation** : Remove victim to fresh air. Allow the victim to rest. If you feel unwell, seek medical advice.

- **Skin contact** : Wash skin with mild soap and water. Seek medical attention if ill effect or irritation develops.

- **Eye contact** : Rinse immediately with plenty of water. Retract eyelids often. Seek medical attention if irritation develops.

- **Ingestion** : If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink. If you feel unwell, seek medical advice (show the label where possible).

## 5 FIRE-FIGHTING MEASURES

**Flammable class** : Flammable.

**Extinguishing media** : Water fog. Dry chemical. Alcohol resistant foam. Carbon dioxide.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

**Special exposure hazards** : When heated to decomposition, emits dangerous fumes.  
May form flammable vapour-air mixture.

**Protection against fire** : Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Equip cleanup crew with proper protection. Eliminate every possible source of ignition. Evacuate and limit access.

**Environmental precautions** : Prevent entry to sewers and public waters.

**After spillage and/or leakage** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Flush with plenty of water.

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## 7 HANDLING AND STORAGE

**Storage** : Store in dry, cool, well-ventilated area.  
**Storage - away from** : All heat sources, including direct sunlight.  
**Handling** : Wear recommended personal protective equipment.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Respiratory protection** : Local exhaust and general ventilation must be adequate to meet exposure standards. In case of insufficient ventilation, wear suitable respiratory equipment.  
- **Hand protection** : Use neoprene or rubber gloves.  
- **Skin protection** : In case of possible repeated skin contact wear protective clothing.  
- **Eye protection** : Chemical goggles or face shield with safety glasses.  
- **Ingestion** : When using, do not eat, drink or smoke.  
**Occupational Exposure Limits** : Tetraethyl silicate : TLV-TWA [mg/m<sup>3</sup>] : 85  
Tetraethyl silicate : TLV-TWA [ppm] : 10

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : Liquid.  
**Colour** : Colourless to light yellow.  
**Odour** : Mild.  
**Density [kg/m<sup>3</sup>]** : ca 997  
**Solubility in water** : Material insoluble in water.  
**Flash point [°C]** : 40  
**Auto-ignition temperature [°C]** : 230

## 10 STABILITY AND REACTIVITY

**Hazardous decomposition products** : When heated to decomposition, emits dangerous fumes.  
**Hazardous properties** : In use, may form flammable/explosive vapour-air mixture.  
**Materials to avoid** : Bases.  
Acids.  
**Conditions to avoid** : All heat sources, including direct sunlight.

## 11 TOXICOLOGICAL INFORMATION

- **Inhalation** : Harmful by inhalation.  
- **Dermal** : Irritating to skin.  
- **Ocular** : Irritating to eyes.  
- **Ingestion** : Irritation of the linings of the mouth, throat, and gastrointestinal tract.

## 12 ECOLOGICAL INFORMATION

**On product** : This product contains hazardous components for the aquatic environment.

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### 13 DISPOSAL CONSIDERATIONS

**Disposal** : Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

- UN No. : 1292  
 - H.I. nr : 30  
**ADR/RID**  
 - Proper shipping name : TETRAETHYL SILICATE  
 - ADR Class : 3  
 - ADR Packing group : III  
**Hazard Label(s)**



: Label 3 : Flammable liquid.

### 15 REGULATORY INFORMATION

**Symbol(s)**



: Harmful.

**R Phrase(s)**

: R10 - Flammable.  
 R20 - Harmful by inhalation.  
 R36/37 - Irritating to eyes and respiratory system.

**S Phrase(s)**

: S16 - Keep away from sources of ignition - No smoking.  
 S23 - Do not breathe spray.  
 S25 - Avoid contact with eyes.  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S46 - If swallowed seek medical advice immediately and show this container or label.  
 S51 - Use only in well-ventilated areas.  
 S60 - This material and its container must be disposed of as hazardous waste.

### 16 OTHER INFORMATION

**Further information** : Specifications and technical information on the product may be obtained by your dealer.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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